



Robert E. Lee & Associates, Inc.

Engineering, Surveying, Environmental Services

September 18, 2009

OAK CREEK SEWER AND WATER UTILITY MILWAUKEE COUNTY, WISCONSIN

ADDENDUM NO. 1 PUETZ ROAD BOOSTER STATION

PART A- BOOSTER STATION CONSTRUCTION PART B- TRANSMISSION MAIN CONSTRUCTION

PROJECT NOS. 08101 AND 08102

TO: PROSPECTIVE BIDDERS FOR PROJECT NOS. 08101 & 08102

RE: PUETZ ROAD BOOSTER STATION

Green Bay Office
4664 Golden Pond Park Ct.
Hobart, WI 54155
920-662-9641
FAX 920-662-9141
E Mail rei@releinc.com

Notice is hereby given that the contract documents for the above-referenced project are amended as hereinafter set forth:

SPECIFICATIONS

1. **Note to ALL Contractors and Subcontractors: All questions for this project MUST be submitted NO LATER than Monday, September 21, 2009 at 12:00 p.m.** Questions should be sent directly to the Engineer's office in care of Kimberly Kimmes. Her email address is kkimmes@releinc.com.
2. Section 00200RD, Instructions to Bidders, page 00200RD-7, Article 15, Submittal of Bid, **delete** Item 15.01 in its entirety.
3. Section 00200RD, Instruction to Bidders, page 00200RD-7, under title of Article 14, Basis of Bid; Evaluation of Bids, **add** the following note to read as follows: Bidders may submit a bid for Part A or Part B or both Parts A and B (including required alternates). Two awards could be made.
4. Section 00410, Bid Form, page 00410-5, Item 7.01, in ink, **add** the following statement: All eligible and complete bids **MUST** include the items listed herein and be submitted **within** the bound specification.
5. Section 00800RD, Supplementary Conditions, page 00800RD-4, Section SC-11.03, in ink, **change from "C" to "D"** (3 locations).
6. Section 00800RD, Supplementary Conditions, page 00800RD-4, Section SC-12.01.C.2.a, in ink, **revise** the text to read as follows:

Delete paragraphs 12.01.C.2.a-c in their entirety and insert the following:

7. Section 01020, Allowances, page 01020-1, Item 1.02, in ink, **change** the total for the allowances **from \$235,000 to \$155,000.**
8. Section 01020, Allowances, page 1020-1, Item 1.02, add the following to Note 2 to read as follows: "This allowance is not for work at this pump station."
9. Section 03300, Cast-in-Place Concrete—Structures, page 03300-9, Part 3.07, Concrete Slab Finishes, Item A, **add** the following:
 6. The direction of slope and the amount of crowning generally are shown on the drawings. Where not shown, slope shall be at least one percent towards nearest drainage facility.
10. Section 15050 Piping System Specifications, page 15050Attach-7, **remove** and **replace** with the new enclosed page 15050Attach-7.
11. Section 15100, Valves, page 15100-5, Part 2.09, Item B, **change from** will thickness **to** wall thickness.
12. Section 15100, Valves, page 15100-5, Part 2.09, Item C, **change** lug type body **to** flange type body.
13. Section 15100, Valves, page 15100-5, Part 2.09, Item E, **change** lug body valves **to** flange valves.
14. Section 16011, Utility Services, page 16011-1, Part 1.03, Item B, in ink, **change from** \$10,000 **to** \$85,000.

PLANS

1. Plan Sheet 18, Drawing 100-AS-02, **add** Note 1 to read as follows: The engine generator base size shall be verified with equipment suppliers.
2. Plan Sheet 19, Drawing 100-AS-03, **change** 8-inch bond beam to 16-inch bond beam as shown in Detail B on Drawing 200-AS-05.
3. Plan Sheet 20, Drawing 100-AS-04, **to clarify**, the width of the concrete footings shall be 30 inches. The width of the footing walls shall be 16 inches. The thickened slabs under the masonry walls shall be 12 inches.

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Puetz Road Booster Station

Contracts 08101 and 08102

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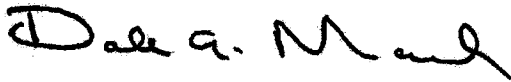
4. Plan Sheet 21, Drawing 100-AS-05, **change** the dimension on the pump base **from 7'4" to 5'6"**.
5. Plan Sheet 24, Drawing 100-M-01, **add** Note 3 to read as follows: Any PW piping 12 inches or larger under the booster station slab shall be flange Class 53 piping encased in concrete.
6. Plan Sheet 31, Drawing 100-E-02, **add** Note 23 to read as follows: Security keypad to be HID Prox Pro Model 5352 with Keypad in either black or gray.
7. Plan Sheet 31, Drawing 100-E-02, **add** Note 24 to read as follows: Card readers and keypad shall be wired per manufacturer's recommendations with RS 232 communication standard.
8. Plan Sheet 32, Drawing 100-E-02, **revise** drawing sheet number to read 100-E-03.
9. Plan Sheet 32, Drawing 100-E-03, **replace** Note 10 with the following: Provide RTU-A panel with Allen-Bradley MicroLogix1200 with memory/real-time clock module and expansion I/O modules to provide 20% more I/O points than needed. Install a MDS TransNet spread spectrum radio. The Contractor to supply 2 spare MDS Transnet 900 MHz radios and a spare PolyPhaser. MDS TransNet spread spectrum radios, PolyPhaser lightning arrestors, antenna cable grounding kit, and associated accessories shall be provided by Twin Cities Industrial Control at (877) 307-6648.
10. Plan Sheet 40, Drawing 200-AS-02, Room Finish Schedule, **change** the ceiling in the MCC Room to be drywalled and painted.
11. Plan Sheet 40, Drawing 200-AS-02, Room Finish Schedule, under Base title, **change all** rooms **from none to ceramic**.
12. Plan Sheet 43, Drawing 200-AS-05, Detail C, **change** Note 1 to reference 100-AS-07, not 100-AS-01.
13. Plan Sheet 44, Drawing 200-AS-06, Detail E, **delete** ½-inch neoprene from drawing.

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This addendum shall be attached to and form a part of these contract documents. The receipt and examination of this addendum and inclusion as a part of the contract documents shall be acknowledged by the bidder in the space provided in the Bid Form on page 00410-1.

Sincerely,

ROBERT E. LEE & ASSOCIATES, INC.



Dale A. Marsh, P.E.
Senior Project Manager

DAM/KAK/LAF

ENC.

Accepted this _____ day of _____, 2009.



Kimberly A. Kimmes
Project Manager

Signature

Name of Firm

PIPING SYSTEM SPECIFICATION

SERVICE				SYMBOL	
POTABLE WATER				PW	
FLUID		TEST MEDIUM			
COLD WATER		<input type="checkbox"/> AIR <input checked="" type="checkbox"/> WATER <input type="checkbox"/> _____			
		TEST DURATION		120 MIN.	
PRESSURE – PSIG			TEMPERATURE °F		
WORK	MAX	TEST	NORMAL		MAX
75	100	125	50		100
PIPE AND FITTING SPECIFICATION					
PIPE SIZE	EXPOSURE	PIPE		FITTINGS	
3" & Smaller	EXPOSED	Copper Tube, Type L, hard temper insulated, low temperature insulation		Wrot copper, solder joint, insulated, low temperature insulation	
	BURIED EMBEDDED ENCASED	Copper Tube, Type K, soft temper with compression coupling		Brass compression	
4" - 12"	EXPOSED	Ductile Iron, with flanged or grooved pipe couplings, low temperature insulation		Ductile iron, flanged or grooved, low temperature insulation	
	BURIED EMBEDDED ENCASED	Ductile iron, with mechanical joints and polyethylene encasement		Ductile iron, mechanical joints and polyethylene encasement	
14" - 20"	EXPOSED	Ductile iron, AWWA C151, Class 53 Ductile iron, AWWA C151, Class 52 All exposed piping shall have low temperature insulation.		Cast iron, AWWA C110, Class 150 Cast iron AWWA C110, Class 150	
	BURIED				
24" - 48"	EXPOSED	Ductile iron, AWWA C151, Class 54		Cast or ductile iron, AWWA C110, Class 150	
	BURIED	Ductile iron, AWWA C151, Class 52 All exposed piping shall have low temperature insulation.		Cast or ductile iron, AWWA C110 Class 150	
VALVE SPECIFICATION					
SIZE	EXPOSURE	TYPE	SPECIFICATION		
3" & Smaller	Exposed	Isolating	Gate		
		Throttling	Globe		
		Check	Swing		
4" - 12"	Exposed	Isolating	Gate		
		Throttling	Butterfly		
		Check	Centerguide Miller 162, APCO, or equal		
	Buried	Isolating	Gate		
		Throttling	Butterfly		
14" - 20"	Exposed	Isolating	Type "W" Butterfly		
		Throttling	Type "W" Butterfly		
		Check	Center Guide, Class 125		
	Buried	Isolating	Type "W" Butterfly		
		Throttling	--		
24" - 48"	Exposed	Isolating	Type "W" Butterfly		
		Throttling	Type "W" Butterfly		
	Buried	Isolating	Type "W" Butterfly		
		Throttling	--		
REMARKS: Buried valves to have Clow F2450, Kennedy, or equal 3 piece valve box.					