FROM LINE XX (24V+)

LINE NO.

(24V -)

SIEMENS
IM 155-5 PN ST

100	a	c
101	0	0
102	1	1
103	2	2
104	3	3
105	4	4
106	5	5
107	6	6
108	7	7
109		
110		
111		
112		
113		
114	0	0
115	1	1
116	2	2
117	3	3
118	4	4
119	5	5
120	6	6
121	7	7
122	P	P
123		
124	b	d
125		
126		
127		
128		
129		
130		
131		
132		
133		
134		
135		
136		

24V +

24V -

FROM LINE XX (24V+)

LINE NO.

SIEMENS
DI 16x24VDC HF
SLOT: 02

140			
141	1	IN 0	BLOWER VALVE OPENED (22-BFV-3)
142			
143	2	IN 1	BLOWER VALVE CLOSED (22-BFV-3)
144			
145	3	IN 2	BACKWASH VALVE IN LOCAL (21-BFV-5)
146			
147	4	IN 3	INFLUENT SAMPLE PUMP RUNNING (20-SP-1A)
148			
149	5	IN 4	INFLUENT SAMPLE PUMP FAULT (20-SP-1A)
150			
151	6	IN 5	INFLUENT SAMPLE PUMP IN-REMOTE (20-SP-1)
152			
153	7	IN 6	INFLUENT SAMPLE PUMP RUNNING (20-SP-1B)
154			
155	8	IN 7	INFLUENT SAMPLE PUMP FAULT (20-SP-1B)
156			
157	11	IN 8	SPARE
158			
159	12	IN 9	POST COAGULANT SAMPLE PUMP RUNNING (20-SP-2A)
160			
161	2	IN10	POST COAGULANT SAMPLE PUMP FAULT (20-SP-2A)
162			
163	14	IN11	POST COAGULANT SAMPLE PUMP IN-REMOTE (20-SP-2)
164			
165	15	IN12	POST COAGULANT SAMPLE PUMP RUNNING (20-SP-2B)
166			
167	16	IN2	POST COAGULANT SAMPLE PUMP FAULT (20-SP-2B)
168			
169	17	IN14	SPARE
170			
171	18	IN15	SPARE
172			
173	19		
174	20		
175			
176			

24V +

(24V -)

24V -

FROM LINE XX (24V+)

LINE NO.

SIEMENS
DI 16x24VDC HF
SLOT: 03

180			
181	1	IN 0	SPARE
182			
183	2	IN 1	SPARE
184			
185	3	IN 2	SPARE
186			
187	4	IN 3	METERING PUMP IN-AUTO (23-MP-1A)
188			
189	5	IN 4	METERING PUMP RUNNING (23-MP-1A)
190			
191	6	IN 5	SPARE
192			
193	7	IN 6	METERING PUMP ALARM (23-MP-1A)
194			
195	8	IN 7	METERING PUMP IN-AUTO (23-MP-1B)
196			
197	11	IN 8	METERING PUMP RUNNING (23-MP-1B)
198			
199	12	IN 9	SPARE
200			
201	2	IN10	METERING PUMP ALARM (23-MP-1B)
202			
203	14	IN11	METERING PUMP IN-AUTO (23-MP-2A) (FUTURE)
204			
205	15	IN12	METERING PUMP RUNNING (23-MP-2A) (FUTURE)
206			
207	16	IN2	SPARE
208			
209	17	IN14	METERING PUMP ALARM (23-MP-2A) (FUTURE)
210			
211	18	IN15	
212			
213	19		
214	20		
215			
216			

24V +

(24V -)

24V -

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PHONE: (256) 424-4077 FAX: (256) 424-4097

BID SET

ALABAMA
LICENSED
No. 21938
PROFESSIONAL ENGINEER
TIMOTHY ANDREW CALZARETTA

MARK	DATE	DESCRIPTION	BY

HUNTSVILLE UTILITIES
SOUTHEAST WATER TREATMENT PLANT

CONTROL PANEL WTP-RCP-5

Project No.:	200-11740-10003
Designed By:	CSW
Drawn By:	TAC
Checked By:	DAB

I-8015

Copyright: Tetra Tech

Bar Measures 1 inch

10/17/2014 10:35:40 AM P:\JER\11740\200-11740-10003\CAD\SHEETFILES\TREATMENT PLANT\WTP-I-8015 CONTROL PANEL WTP RCP-5.DWG CALZARETTA, TIMOTHY