SHEET: COW-A1 (05/2005)

SUPPLIED BY THE CITY UNDER
BID OPPORTUNITY 498-2006

DRAWING 1-0601D-F-E0401-001

4160V SWITCHGEAR
GENERATOR BUILDING
SWGR-100A

SUPPLIED BY THE CITY UNDER
BID OPPORTUNITY 498-2006

DRAWING 1-0601D-F-E0401-001

4160V SWITCHGEAR
GENERATOR BUILDING
SWGR-100B
DRAWING WG-E0401

EXISTING DEACON BOOSTER PUMPING STATION

NEW 1200AF
VACUUM BREAKER

1200AF
VACUUM BREAKER
(EXISTING)

EXISTING | RELOCATED | NEW | NEW | NEW | RELOCATED | RELOCATED | NEW | NEW | EXISTING | EXISTING

125E
STD
SPEED

5kV
500kVA
600V

125 kVAR
300 kVAR
PROTECTIVE RELAY-M60
LS
HS
NETWORK TERMINATION
CABINET CP-D21A

125 kVAR
300 kVAR
PROTECTIVE RELAY-M60
HS
HS
NETWORK TERMINATION
CABINET CP-D21A

250 kVAR
PROTECTIVE RELAY-M60
NETWORK TERMINATION
CABINET CP-D21A

TIE SWITCH

125 kVAR
300 kVAR
PROTECTIVE RELAY-M60
HS
HS
NETWORK TERMINATION
CABINET CP-D21A

250 kVAR
PROTECTIVE RELAY-M60
NETWORK TERMINATION
CABINET CP-D21A

52

4160V
300kVA
600/347V

4160V
K4-2000kVA
600/347V

600A
BREAKER

3/C#3/0 TECK
PII-1
675/300kW

3/C#3/0 TECK
PII-2
675/300kW

3/C#3/0 TECK
PI-1
336kW

3/C#3/0 TECK
PII-3
675/300kW

3/C#3/0 TECK
PI-2
336kW

1200AF
100%

PANEL 100

U.V. EQUIPMENT

NEW PANEL CDP-100B 600V, 3PH, 3 WIRE, 225A

EXISTING M.C.C.
NEW
NEW
1
3/C#10 TECK
5.6
5.6
P-D920A P-D921A
COOLING WATER PUMPS
FOR PP-4 AND PP-5

CONDUCTOR NOT IN THIS CONTRACT

CONDUCTOR NOT IN THIS CONTRACT

DECANT STRUCTURES
POWER DISTRIBUTION
ENCLOSURE DP-L11
DS-PP-L11A
DRAWING 1-0601L-A-E0112-001

DECANT STRUCTURES
POWER DISTRIBUTION
ENCLOSURE DP-L11
DS-PP-L11B
DRAWING 1-0601L-A-E0112-001

DRAWING NOTES

1. PROVIDE 2 NEW SIZE 1, FVNR, MAGNETIC MOTOR STARTERS TO BE LOCATED IN THE BOTTOM TWO SECTIONS OF THE EXISTING MOTOR CONTROL CENTRE (SOUTH WEST CELL).

APEGM
Certificate of Authorization
Earth Tech Canada Inc.
No. 730 Expiry: April 30, 2007

B.M.
ELEV.

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	07/03/19	ERC

CH2MHILL
Frederickson Cooper ARCHITECTS
EarthTech A Tyco International Ltd. Company

DESIGNED BY	BLM	CHECKED BY	PS
DRAWN BY	ERC	APPROVED BY	AHL
SCALE:	NTS	RELEASED FOR CONSTRUCTION BY:	R. SOROKOWSKI
DATE	2005/10/03	DATE	2007/03/19

ENGINEER'S SEAL
ORIGINAL SIGNED BY
P. STRYK
2007/03/19

CONSULTANT DRAWING NO.
WD-E0401

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

WATER TREATMENT PLANT
DEACON BOOSTER PUMP STATION
UPGRADE

ELECTRICAL
SINGLE LINE DIAGRAM

CITY FILE NUMBER
SHEET OF
CITY DRAWING NUMBER
1-0601D-F-E0401-001-00D

Last Save: 2007-03-21 9:24 AM

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