



ADDENDUM 3 BID OPPORTUNITY 742-2005

WINNIPEG WATER TREATMENT PROGRAM – SUPPLY AND INSTALLATION OF WATER TREATMENT PLANT PROCESS MECHANICAL AND ELECTRICAL

ISSUED: May 9, 2006
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TELEPHONE NO. (204) 986-6053

URGENT

**PLEASE FORWARD THIS DOCUMENT TO
WHOEVER IS IN POSSESSION OF THE BID
OPPORTUNITY**

**THIS ADDENDUM SHALL BE INCORPORATED
INTO THE BID OPPORTUNITY AND SHALL
FORM A PART OF THE CONTRACT
DOCUMENTS**

Template Version: A20050506

Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Bid Opportunity, and be governed accordingly. Failure to acknowledge receipt of this Addendum in Paragraph 10 of Form A: Bid may render your Bid non-responsive.

PART A – BID SUBMISSION

Replace: 742-2005_Bid_Submission with 742-2005_Addendum_3-Bid_Submission. Form B: Prices has been replaced by Form B: Prices (R1) and Form G2 has been replaced by Form G2(R1).

PART B – BIDDING PROCEDURES

- Revise: B2.1 to read: The Submission Deadline is 12:00 noon Winnipeg time, June 8, 2006.
- Add: B9.1.2 Cash allowances shall cover the net cost to the Contractor of services, products, construction machinery and equipment, freight, unloading, handling, storage, installation and other expenses incurred in performing the portion of the Work stipulated under the cash allowance. The unit price for the supply and installation of the instrumentation and control system on Form B: Prices (item 1 for Alternative 1 and item 2.1 for Alternative 2), and not the cash allowance, shall include the Contractor's overhead and profit in connection with the cash allowance.

PART D – SUPPLEMENTAL CONDITIONS

- Revise: D3.1(eee) to read: **Commissioning Operations Agent** means a qualified operations team retained by the City, under a separate contract, that takes primary responsibility for operation of the WTP during the Commissioning Period.
- Add: D27.2 Further to D27.1(a), where the Contract Price includes a cash allowance, as stated on Form B: Prices, the cash allowance shall be paid on the following basis:
- Add: D27.2(a) The Contract Price will be adjusted in accordance with GC:7 in order to provide for any excess or deficit to each cash allowance.

PART E – SPECIFICATIONS

Section 01670

- Delete 2.9
- Delete 2.10

Section 11210

On all pages of this Section, revise the Bid Opportunity Title and Bid Opportunity number in the page header to read:

City of Winnipeg Water Treatment Program
Supply and Installation of Water Treatment Plant Process Mechanical and Electrical
Bid Opportunity No. 742-2005

Delete: 2.2.5

Section 11251

On all pages of this Section, revise the Bid Opportunity Title and Bid Opportunity number in the page header to read:

City of Winnipeg Water Treatment Program
Supply and Installation of Water Treatment Plant Process Mechanical and Electrical
Bid Opportunity No. 742-2005

Delete: 3.1

Section 11305

On all pages of this Section, revise the Bid Opportunity Title and Bid Opportunity number in the page header to read:

City of Winnipeg Water Treatment Program
Supply and Installation of Water Treatment Plant Process Mechanical and Electrical
Bid Opportunity No. 742-2005

Revise the following row of Supplement 6 to read:

PARAMETER	VALUE	VALUE
Tag No. (s)	P-H420A	P-H410A

Section 11308

On all pages of this Section, revise the Bid Opportunity Title and Bid Opportunity number in the page header to read:

City of Winnipeg Water Treatment Program
Supply and Installation of Water Treatment Plant Process Mechanical and Electrical
Bid Opportunity No. 742-2005

Renumber article 1.2 Pump Skid Control Panels (page 5 of 11) to read: 2.5 Pump Skid Control Panels

Renumber article 1.3 Factory Finishing (page 6 of 11) to read: 2.6 Factory Finishing

Renumber article 1.4 Training (page 9 of 11) to read: 3.7 Training

Revise: 2.2.8 to read: Provide lubricants of the type recommended by the equipment Manufacturer in sufficient quantity to fill all lubricant reservoirs and to replace all consumption during testing, start-up and operation prior to Substantial Performance. Lubrication systems and lubrications shall be compatible with potable water use.

Section 11311

Revise: 2.2.13 to read: Provide a pump/motor combination with a maximum length of 3800 mm that meets the clearances as indicated on the Drawings.

Revise: Supplement 1 to read:

SUPPLEMENT 1 – BACKWASH SUPPLY (BWS) PUMPS

PARAMETER	VALUE	
Tag No. (s)	P-F911A, P-F921A	
Design Point Flow Capacity (cubic metres/day)	1- 99,700	2- 99,700
	3- 71,200	4- 71,200
	5- 28,400	6- 28,400
	7- 19,000	8- 19,000
Design Point Total Dynamic Head (TDH) (m) (excludes losses internal to pump)	1- 12.49	2- 8.89
	3- 10.84	4- 7.24
	5- 9.30	6- 5.70
	7- 9.11	8- 5.51
Net Positive Suction Head Available(NPSHA) after suction losses (Head (m) at Design Flow)	8.0	
Flow Operating Range (cubic metres/day)	19,000 - 99,700	
Total Dynamic Head (TDH) Operating Range (m)	12.49 – 5.51	
Fluid Temperature Operating Range (°C)	0.5-25	
Solids Concentration Operating Range (%)	N/A	
Minimum Suction Water Elevation (Geodetic) (m)	231.700	
Pump Room Finished Floor (Geodetic) (m)	230.250	
Centreline Pump Discharge (Geodetic) (m)	231.506	
Driver Size (kW)	224	
Driver Voltage (V/phase/frequency)	575/3/60	
Speed (max) (rpm)	720	
Motor Suitable for Variable Frequency Drive	Yes	
Minimum Pump Efficiency at Design Point (%)	80%	
Maximum length, pump and motor (mm)	3800	
Pump Suction and Discharge flange size, design basis (mm)	600 x 500	
Acceptable Manufacturers	ITT Allis-Chalmers Flowserve KSB	

N/A – not applicable

Section 11316

On all pages of this Section, revise the Bid Opportunity Title and Bid Opportunity number in the page header to read:

City of Winnipeg Water Treatment Program
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Bid Opportunity No. 742-2005

Revise: 2.2.2 to read: Minimum turn-down ratio: 1:100.

- Revise: 2.2.3 to read: Provide a minimum pumping accuracy of +5% of the full range for each pump package.
- Revise: 2.3.2 to read: The sampling pumps shall be the positive displacement, peristaltic type, self-priming unit. The pump shall consist of a spring loaded single pump head and flexible extruded tubing. Pump consisting of casing, rotor and a reinforced peristaltic hose with casing and rotor connected to gear box and then to motor is acceptable.
- Revise: 2.3.3 to read: Peristaltic pumping action shall be created by the compression of the flexible tube between the pump head rollers and track, inducing forward fluid displacement within the tube by the rotation of the pump rotor, and subsequent vacuum-creating restitution of the tube. Process fluid shall be contained within pump tubing and shall not directly contact any rotary or metallic components. Pumps shall be dry self priming, capable of being run dry without damaging effect to pump or tube. Pumping action created via the compression of reinforced flexible hose between rotor and casing is acceptable. Pump with no rollers is acceptable.
- Revise: 2.3.4 to read: Pump head shall consist of a fixed track, a hinged guard door, two spring-loaded tube clamp mechanisms, and spring-loaded roller rotor assembly. Pump tubing shall be in contact with the inside diameter of the track through an angle of 180 degrees and be held in place on the suction and discharge by a spring loaded self-adjusting clamp mechanism. At all times, one roller shall be fully engaged with the tubing providing complete compression and preventing back flow or siphoning. Tube occlusion and spring tension shall be factory set to accommodate tubing from 1.6mm to 20 mm ID. Provide two spring-loaded adjustable tube retainer mechanism to secure the tubing at the entry and exit points of the pump head. Pumps without rollers and hose held in place by port flange assembly on the suction and discharge are acceptable.
- Delete: 2.3.5
- Revise: 2.3.7 to read: Provide lubricants of the type recommended by the equipment Manufacturer in sufficient quantity to fill all lubricant reservoirs and to replace all consumption during testing, start-up and operation prior to Substantial Performance. Lubrication systems and lubrications shall be compatible with potable water use.
- Revise: 2.6.3 to read: Brushless DC motor, 100% Duty cycle, with integral gearbox and DC drive (turndown as required to suit pump capacity). The controls shall include motor load compensation and protection.
- Revise: 2.7.1 to read: Start/Stop Control: 120VAC, 1 Phase internally supplied, suitable for control from remote PLC dry contact. Control to be via 4-20 mA input.
- Revise: 2.9.1 to read: Equipment Identification Plate: provide stamped equipment tag number securely mounted in a readily visible location.
- Revise: 2.11.2.1 to read: One spare pump head assembly and rotor per pump (roller pump style only).
- Revise: 2.11.2.2 to read: Two spare sets of tubing quick disconnects per pump (roller pump style only).
- Revise: 2.11.2.4 to read: Two (2) extra rollers per pump (roller pump style only).
- Revise: The last row of Supplement 1 and 2 – Residuals Area Sampling Pump to read:

Acceptable Manufacturer	Watson-Marlow BredeI SPX15 Series Verderflex, Series VF10, VF15, VF20 Approved equal
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Section 11346

On all pages of this Section, revise the Bid Opportunity Title and Bid Opportunity number in the page header to read:

City of Winnipeg Water Treatment Program
Supply and Installation of Water Treatment Plant Process Mechanical and Electrical
Bid Opportunity No. 742-2005

Section 11352

- Add: 2.11 Tube Settlers and Supports
- Add: 2.11.1 The Manufacturer shall provide 1m deep PVC 1m deep tube settlers. The material of the tube settlers shall meet NSF 61 standards.
- Add: 2.11.2 The Manufacturer shall provide 316 stainless steel tube settler supports of adequate strength to support the dead load of the tube settlers plus a dead load associated with the tubes fully plugged with sludge and estimated point load.

Section 11353

With reference to Addendum 2 of this Bid Opportunity: Delete references to Section 11353. Article 2.11 shall be added to Section 11352 as specified in this Addendum.

Section 11374

On all pages of this Section, revise the Bid Opportunity Title and Bid Opportunity number in the page header to read:

City of Winnipeg Water Treatment Program
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Bid Opportunity No. 742-2005

- Revise: 2.2.8 to read: Provide standard mechanical shaft seal or labyrinth seal where the rotor shaft passes through the inlet and outlet heads to prevent leakage of air. Provide seal that can be replaced or opened for inspection without disconnecting the suction or discharging piping. Install integral labyrinth-type seals between the stages of the blowers to prevent air leakage.
- Revise: 2.8.3 to read: Provide closed baseplates with vibration isolation pads. Provide mounting holes, vent holes and anchor bolt holes in the baseplates.
- Revise: 3.1.1.1 to read: Install level concrete base, vibration isolation pads, and baseplate within tolerances specified by Manufacturer's printed instructions.
- Revise: 3.1.1.3 to read: After the blower and driver have been set in position, aligned, and shimmed to the proper elevation, confirm installation as per Manufacturer tolerances.
- Revise: 3.6.1 to read: The Manufacturer's Representative shall ensure that each blower, including all component parts, operates as intended.
- Revise: The following row in Supplement 1 – Air Scour blowers to read:

Min. Inlet Air Temperature [°C]	5
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Section 11950

Section 11950 – Cleaning and Disinfection of Structures has been added and forms part of this Addendum.

Section 14630

Revise: Supplement 1 – Crane for Maintenance Workshop to read:

SUPPLEMENT 1 – CRANE FOR MAINTENANCE WORKSHOP

PARAMETER	VALUE
Tag No. (s)	CRN-M001
Type	Top-running
Number of rope falls	4
Capacity rating (tonne)	10
Clearance1 (mm)	610
Runway length (m)	32.82
Runway beams dimensions	W610 x 155 + Bent Plate 100x400x16
Top of runway beams (geodetic) (m)	242.2
Bridge span (m)	8.2
Bridge beam dimensions	By Manufacturer
Minimum travel range of hook (Geodetic) (m)	
Lower	236.17
Upper	241.67
Minimum travel length of cable (m)	5.5
Minimum hook approach (mm)	By Manufacturer
Bridge control	Variable speed
Bridge speed, min / max (m/min)	0/32 m/min
Hoist type	Electric, wire rope
Hoist control	2 speed
Hoist speed, min /max (m/min)	1/6 m/min
Trolley control	Variable speed
Trolley speed, min /max (m/min)	0/20 m/min
Remote control (Yes or N/A)	N/A
Bridge Power (kW)	0.92 kW
Hoist power (kW), min/max	1.6/11 kW
Trolley power (kW)	0.8 kW
Voltage (V/phase/frequency Hz)	575 / 3 / 60
Design standard	Konecranes Canada Inc. , Crane - CXTSk10t, Hoist - CXT50410100P55FDL0F
Acceptable Manufacturers	Konecranes Canada Inc., Kaverit Steel and Crane,

Note 1. The clearance is defined as the distance from hook saddle to top of flange on the underside of the travelling beam.

Section 15120

- Add: 2.2.1.5.4 Hamlet and Garneau Inc
- Add: 2.2.14 Suction Diffuser
- Add: 2.2.14.1 Body: 1206 kPa working pressure, cast iron.
- Add: 2.2.14.2 Inlet straightening vanes with length no less than 2.5 times pump suction diameter
- Add: 2.2.14.3 Stainless steel combination diffuser-strainer-orifice cylinder with 4.7mm diameter perforations.
- Add: 2.2.14.4 Disposable fine mesh start-up strainer.
- Add: 2.2.14.5 Adjustable foot support designed to carry weight of suction piping.
- Add: 2.2.14.6 Blow down tapping in bottom, gauge tapping in side.
- Add: 2.2.14.7 Acceptable Manufacturers and products: Bell & Gossett, Suction Diffuser and S.A. Armstrong, Suction Guides

Section 15200-000

- Revise: 3.18.9 to read: Disinfect BWS, FTR, FW, FIN, BWW, CWS, CWR, PSW, PW, SLU and SUP piping before placing in service.

Section 15200-08

Delete Section 15200-08 as there will not be any piping related to this Section being used.

Section 15410

- Delete: 2.3.1
- Delete: 2.4.5
- Revise: 2.4.6 to read: Acceptable Manufactures for 2.4.1, 2.4.2, 2.4.3 and 2.4.4:
- Add: 2.4.7 SK-3, Sink (Counter, Stainless Steel, Double Compartment):
- Add: 2.4.7.1 Fixture: 510 mm by 900 mm by 250 mm deep, 18-gauge, Type 304 stainless steel, 3-hole punch, self-rimming, undercoated, ledge-type. Kindred "Steel Queen" QSL 2035-10.
- Add: 2.4.7.2 Faucet: Chicago Faucet Co., Model 2300-8 single handle with 200 mm cover plate; American Standard.
- Add: 2.4.7.3 Trim: 40 mm OD, 17-gauge chrome-plated cast tailpiece and cast brass P-trap with cleanout, and 12 mm wall supply stop with loose key.
- Add: 2.4.7.4 Strainers: Just Mfg. Co.; Model J-35, stainless steel crumb-type.
- Add: 2.7.1.3.3 Bradley

- Delete: 2.7.2.5
- Add: 2.7.2.6.3 Bradley
- Revise: 2.7.3.5 to read: Outlet Temperature: 29°C

Section 15440

Revise: The last row of 2.1.11, Sump Pump Schedule to read:

Accessories	Guide bar system and davit not required.
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Revise: The last row of 2.1.13, Sump Pump Schedule to read:

Accessories	Guide bar system and davit not required.
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Revise: The last row of 2.1.14, Sump Pump Schedule to read:

Accessories	Guide bar system and davit not required.
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Revise: 2.6.14.1 to read: Supply and install quick-connect type fittings at compressed air utility stations, brass body, 10 mm (3/8-inch) female connection for air hose, automatic shutoff when no hose is connected, female NPT thread for connection to air piping system

Section 15720

- Revise: 2.2.9 to read: For each air handling unit (AHU) scheduled in 15720-03 provide economizer mixing sections as follows:
- Revise: 2.2.9.5 to read: For AHU-H071 the economizer shall be without return air damper.
- Revise: 2.2.10.2 to read: Heat exchanger core shall be of 25 mm, seamless aluminum tubing permanently expanded into fins. Each tube shall be an individually sealed heat pipe filled with a working fluid conforming to Group 1 in the American National Standard Safety Code for Mechanical Refrigeration. Tubes shall include flow separators whenever vapour and condensate streams interact limiting the heat transfer capacity of the pipe. Provide double-partition tube sheets with 25mm dead air space between the supply and exhaust airstreams to eliminate cross contamination. Tubes shall be mechanically expanded into sheets for tight seal. Heat pipes with single-partition tube sheet or with tubes that are not mechanically expanded into tube sheets are not acceptable.

Section 15730

Add: 3.1.12 Unless otherwise indicated, condenser water branch-off pipes (CDS and CDR) to each heat pump unit shall be equal in size with the unit's connection size. For unit sizes up to 012 the connection size is 15mm, for unit sizes 015 to 030 the connection size is 20mm, and for unit sizes 042 to 060 the connection size is 25mm.

Section 15760

- Add: 2.2.1.3.1 For GUH-H001, GUH-H002, GUH-H003, GUH-H051, GUH-H052 and GUH-H053, provide epoxy coating on the entire exterior of the unit cabinet.
- Revise: 2.2.1.5 to read: Direct-drive motor of shaded pole design with oil-lubricated sleeve bearings and built-in thermal overload protection. Motor shall be TEFC type.

Section 15815

Revise: 2.3.12.1 to read: Supports for FRP ductwork shall be provided per Contractor-Designed Material for FRP ductwork supports shall be FRP.

Section 15830

Revise: 2.10.4.1.1 to read: Turned, ground and polished type 316 stainless steel.

Section 15900-01

Revise: .4.4 to read: Provide terminals to accept remote status of COMPUTER position from HAND-OFF-COMPUTER switches.

Revise: .4.5 to read: Supply and install all control wirings between BAS and field equipment and devices.

Revise: .5.3 to read: In addition, initiate Equipment Failure Alarm at the BAS HMI when motor is commanded to START and the corresponding equipment flow switch detects no flow.

Revise: .5.4 to read: Coordinate with Division 16, Electrical and supply and install control wiring between BAS and field equipment and devices.

Revise: .8.1 to read: Upon a signal from Discharge-air Temperature sensor that the temperature is above High-Temperature-Limit set-point of 70 degrees C (adjustable), de-energize the system and its associated exhaust fan, and initiate High-Temperature-Shutdown Alarm at the BAS HMI.

Revise: .9 to read: HUMIDIFIER FAILURE ALARM:

Revise: .9.1 to read: Upon a signal from the factory-mounted controller indicating that the humidifier has failed, the BAS shall disable the humidifier function by resetting the supply air relative humidity setpoint and display Humidifier Failure Alarm at the BAS HMI.

Revise: .9.2 to read: The Humidifier Function shall remain disabled until manually reset.

Delete: .10

Section 15900-13

Revise: .4.3 to read: During occupied period, the BAS energizes AHU-H071 on high speed and resets cooling supply air temperature set-point to 15°C (adjustable), heating supply air temperature set-point to 13°C (adjustable).

Revise: .5.7 to read: When BAS detects a Humidifier Failure signal from the factory-mounted controller, a Humidifier Failure Alarm is logged and a Humidifier Failure Alarm sequence shall be initiated.

Section 15901

Revise: 2.1.2.1 to read: Frame: 127 mm by 25 mm by minimum 3.2 mm 6063-T5 extruded aluminum hat-shaped channel, mounting flanges on both sides of frame, reinforced at corners. For insulated type, provide 152mm by 25mm by 3.2mm frame of similar construction and with two thermal isolation breaks.

Revise: 2.1.2.2.1 to read: Style: Airfoil-shaped, single-piece. For insulated type dampers, blades shall be Injected with two part high density polyurethane foam.

Revise: 2.1.2.8.1 to read: Ruskin Model CD-50 for uninsulated type, CDTI-50BF for insulated type.

Revise: 2.1.3.2.1 to read: Style: Airfoil-shaped, double-skin injected with high density polyurethane foam.

Revise: 2.1.3.8.1 to read: Ruskin; Model CF-80AF2-INS.

Section 15901-01

Replace this Section with 15901-01(R1).

Section 16010

Clarification: With reference to 3.10.1: The Contractor's responsibility with respect to housekeeping pads is as specified in D2.3(a)(i) and E8.7.1.

Section 16505

Revise: 2.10.1 to read: Provide a wire guard on the light fixture in the elevator pit.

Delete: 2.10.2

Section 16723

Revise 1.1.1 to read: Supply and install a complete raceway system to support an addressable multiplexed fire alarm system. The fire alarm system shall be supplied and installed by Division 13.

Section 16903-01

Replace this Section with 16903-01(R1).

Clarification: If the Bidder requires a copy of this schedule sorted by destination and/or origin, he may request this from the Contract Administrator pursuant to B4.

Section 16903-02

Replace this Section with 16903-02(R1).

Clarification: If the Bidder requires a copy of this schedule sorted by destination and/or origin, he may request this from the Contract Administrator pursuant to B4.

DRAWINGS

The following Drawings have been added and form part of this Addendum:

<u>Consultant Drawing No.</u>	<u>City Drawing No.</u>	<u>Title</u>
WB-E0540	1-0601B-H-E0540-001-00D	ELECTRICAL - CONTROL DIAGRAM
WB-E0555	1-0601B-H-E0555-001-00D	ELECTRICAL - CONTROL DIAGRAM

Clarification: The following Drawings pertaining to concrete embeds have been revised by removing the watermark to match the scope of work specified in D2.2(b)(i) and D2.3(a)(i). The following Drawings are also used for information in other contracts. Notwithstanding any notations on these Drawings that may indicate otherwise, the scope of work is as defined in the Specifications.

<u>Consultant Drawing No.</u>	<u>City Drawing No.</u>	<u>Title</u>
WA-H9102	1-0601A-A-H9102-001-01D	PLUMBING - PIPE EMBEDS - ADMINISTRATION AREA LOWER LEVEL PLAN
WA-H9122	1-0601A-A-H9122-001-01D	PLUMBING - PIPE EMBEDS - ADMINISTRATION AREA SECOND FLOOR PLAN
WA-H9132	1-0601A-A-H9132-001-01D	PLUMBING - PIPE EMBEDS - ADMINISTRATION AREA THIRD FLOOR PLAN
WB-H9451	1-0601B-A-H9451-001-01D	PLUMBING - STANDARD DETAILS

<u>Consultant Drawing No.</u>	<u>City Drawing No.</u>	<u>Title</u>
WB-H9452	1-0601B-A-H9452-001-01D	PLUMBING - STANDARD DETAILS
WB-M9451	1-0601B-A-M9451-001-01D	PROCESS MECHANICAL - STANDARD DETAILS
WB-M9452	1-0601B-A-M9452-001-01D	PROCESS MECHANICAL - STANDARD DETAILS
WB-M9453	1-0601B-A-M9453-001-01D	PROCESS MECHANICAL - STANDARD DETAILS
WB-M9454	1-0601B-A-M9454-001-01D	PROCESS MECHANICAL - STANDARD DETAILS
WC-H9112	1-0601C-A-H9112-001-01D	PLUMBING - PIPE EMBEDS - CHEMICAL AREA FIRST FLOOR PLAN
WC-H9122	1-0601C-A-H9122-001-01D	PLUMBING - PIPE EMBEDS - CHEMICAL AREA SECOND FLOOR PLAN
WC-H9132	1-0601C-A-H9132-001-01D	PLUMBING - PIPE EMBEDS - CHEMICAL AREA THIRD FLOOR PLAN
WC-M9111	1-0601C-A-M9111-001-01D	PROCESS MECHANICAL - PIPE EMBEDS - CHEMICAL AREA PLAN
WC-M9201	1-0601C-A-M9201-001-01D	PROCESS MECHANICAL - PIPE EMBEDS - CHEMICAL AREA SECTIONS
WC-M9401	1-0601C-A-M9401-001-01D	PROCESS MECHANICAL - PIPE EMBEDS - POLYMER AREA FIRST FLOOR PLAN DETAIL
WC-M9402	1-0601C-A-M9402-001-01D	PROCESS MECHANICAL - PIPE EMBEDS - POLYMER AREA SECOND FLOOR PLAN DETAIL
WC-M9403	1-0601C-A-M9403-001-02D	PROCESS MECHANICAL - PIPE EMBEDS - SBS AND PEROXIDE AREA PLAN DETAILS
WF-H9104	1-0601F-A-H9104-001-02D	PLUMBING - PIPE EMBEDS - FILTRATION AREA 1 LOWER LEVEL PLAN
WF-H9105	1-0601F-A-H9105-001-01D	PLUMBING - PIPE EMBEDS - FILTRATION AREA 2 LOWER LEVEL PLAN
WF-H9106	1-0601F-A-H9106-001-01D	PLUMBING - PIPE EMBEDS - BACKWASH PUMP ROOM LOWER LEVEL PLAN
WF-H9133	1-0601F-A-H9133-001-01D	PLUMBING - PIPE EMBEDS - FILTRATION AREA 1 THIRD FLOOR PLAN
WF-H9134	1-0601F-A-H9134-001-01D	PLUMBING - PIPE EMBEDS - FILTRATION AREA 2 THIRD FLOOR PLAN
WF-M9101	1-0601F-A-M9101-001-02D	PROCESS MECHANICAL - PIPE EMBEDS - FILTRATION AREA 1 LOWER PLAN
WF-M9102	1-0601F-A-M9102-001-02D	PROCESS MECHANICAL - PIPE EMBEDS - FILTRATION AREA 2 LOWER PLAN
WF-M9103	1-0601F-A-M9103-001-02D	PROCESS MECHANICAL - PIPE EMBEDS - FILTRATION AREA 3 LOWER PLAN
WF-M9111	1-0601F-A-M9111-001-01D	PROCESS MECHANICAL - PIPE EMBEDS - FILTRATION PIPE GALLERY AREA 1
WF-M9112	1-0601F-A-M9112-001-01D	PROCESS MECHANICAL - PIPE EMBEDS - FILTRATION PIPE GALLERY AREA 2
WF-M9121	1-0601F-A-M9121-001-02D	PROCESS MECHANICAL - PIPE EMBEDS - FILTRATION AREA 1 UPPER CHANNEL LEVEL PLAN
WF-M9122	1-0601F-A-M9122-001-02D	PROCESS MECHANICAL - PIPE EMBEDS - FILTRATION AREA 2 UPPER CHANNEL LEVEL PLAN
WF-M9131	1-0601F-A-M9131-001-01D	PROCESS MECHANICAL - PIPE EMBEDS - FILTRATION AREA 1 THIRD FLOOR PLAN
WF-M9132	1-0601F-A-M9132-001-02D	PROCESS MECHANICAL - PIPE EMBEDS - FILTRATION AREA 2 THIRD FLOOR PLAN
WF-M9201	1-0601F-A-M9201-001-02D	PROCESS MECHANICAL - PIPE EMBEDS - FILTRATION AREA SECTION
WF-M9205	1-0601F-A-M9205-001-02D	PROCESS MECHANICAL - PIPE EMBEDS - FILTRATION AREA SECTION
WF-M9206	1-0601F-A-M9206-001-02D	PROCESS MECHANICAL - PIPE EMBEDS - FILTRATION AREA SECTION
WF-M9207	1-0601F-A-M9207-001-01D	PROCESS MECHANICAL - PIPE EMBEDS - FILTRATION AREA SECTION
WF-M9208	1-0601F-A-M9208-001-02D	PROCESS MECHANICAL - PIPE EMBEDS - FILTRATION AREA SECTION
WF-M9209	1-0601F-A-M9209-001-02D	PROCESS MECHANICAL - PIPE EMBEDS - FILTRATION AREA SECTION
WO-H9112	1-0601O-A-H9112-001-01D	PLUMBING - PIPE EMBEDS - OZONATION AREA FIRST FLOOR PLAN
WO-H9132	1-0601O-A-H9132-001-01D	PLUMBING - PIPE EMBEDS - OZONATION AREA THIRD FLOOR PLAN
WO-M9121	1-0601O-A-M9121-001-02D	PROCESS MECHANICAL - PIPE EMBEDS - OZONE CONTACTORS UPPER PLAN
WO-M9131	1-0601O-A-M9131-001-01D	PROCESS MECHANICAL - PIPE EMBEDS - OZONE GENERATION ROOM THIRD FLOOR PLAN
WP-H9113	1-0601A-A-H9113-001-01D	PLUMBING - PIPE EMBEDS - FLOC / DAF AREA 1 FIRST FLOOR PLAN
WP-H9114	1-0601P-A-H9114-001-01D	PLUMBING - PIPE EMBEDS - FLOC / DAF AREA 2 FIRST FLOOR PLAN
WP-H9133	1-0601P-A-H9133-001-01D	PLUMBING - PIPE EMBEDS - FLOC / DAF AREA 1 THIRD FLOOR PLAN
WP-H9134	1-0601P-A-H9134-001-01D	PLUMBING - PIPE EMBEDS - FLOC / DAF AREA 2 THIRD FLOOR PLAN
WP-M9101	1-0601P-A-M9101-001-01D	PIPE EMBEDS - PLAN AT ELEVATION 244.400 FLOCCULATION AND DAF TANKS
WP-M9102	1-0601P-A-M9102-001-01D	PIPE EMBEDS - FIRST FLOOR PLAN AND SECTIONS FLOAT COLLECTION SUMPS
WP-M9103	1-0601P-A-M9103-001-01D	PIPE EMBEDS - THIRD FLOOR PLAN AND SECTIONS CLARIFIED RAW WATER
WP-M9104	1-0601P-A-M9104-001-01D	PIPE EMBEDS - SECOND FLOOR PLAN MUD VALVE DRAIN LINES
WP-M9105	1-0601P-A-M9105-001-02D	PIPE EMBEDS - THIRD FLOOR PLAN AND SECTIONS OZONE COOLING WATER RETURN
WP-M9106	1-0601P-A-M9106-001-02D	PIPE EMBEDS - PLAN AND SECTIONS SUPERNATANT AND SLUDGE LINES
WP-M9107	1-0601P-A-M9107-001-01D	PIPE EMBEDS - FIRST FLOOR PLAN AND SECTIONS RAW WATER SUMP DISCHARGE PIPING
WP-M9108	1-0601P-A-M9108-001-01D	PIPE EMBEDS - FIRST FLOOR PLAN AND SECTIONS OZONE CONTACTOR DRAIN
WR-H9112	1-0601R-A-H9112-001-01D	PLUMBING - PIPE EMBEDS - RESIDUALS AREA FIRST FLOOR PLAN
WR-H9122	1-0601R-A-H9122-001-01D	PLUMBING - PIPE EMBEDS - RESIDUALS AREA SECOND FLOOR PLAN
WR-H9132	1-0601R-A-H9132-001-01D	PLUMBING - PIPE EMBEDS - RESIDUALS AREA THIRD FLOOR PLAN
WR-M9112	1-0601R-A-M9112-001-01D	PIPE EMBEDS - INLET CHANNEL PLAN VIEWS
WR-M9113	1-0601R-A-M9113-001-01D	PIPE EMBEDS - WASHWATER RECOVERY TANKS PROCESS PIPING PLAN
WR-M9123	1-0601R-A-M9123-001-02D	PIPE EMBEDS - THICKENED SLUDGE EQUALIZATION TANKS PLAN VIEWS
WR-M9124	1-0601R-A-M9124-001-01D	PIPE EMBEDS - FLOCCULATION CHAMBER PLAN VIEWS
WR-M9201	1-0601R-A-M9201-001-02D	PIPE EMBEDS - SECTIONS

<u>Consultant Drawing No.</u>	<u>City Drawing No.</u>	<u>Title</u>
WR-M9202	1-0601R-A-M9202-001-01D	PIPE EMBEDS - SECTION
WR-M9206	1-0601R-A-M9206-001-01D	PIPE EMBEDS - FLOCCULATION CHAMBER SECTIONS
WR-M9208	1-0601R-A-M9208-001-01D	PIPE EMBEDS - THICKENED SLUDGE EXTRACTION PIPE SECTION

Clarification: The following Drawings pertaining to concrete embeds have been revised by removing the watermark to match the scope of work specified in D2.2(b)(i) and D2.3(a)(i) and as otherwise called out:

<u>Consultant Drawing No.</u>	<u>City Drawing No.</u>	<u>Title</u>
WM-H9112	1-0601M-A-H9112-001-01D	PLUMBING - PIPE EMBEDS - FIRE PUMP AND ELECTRICAL ROOM FIRST FLOOR PLAN
WO-M9201	1-0601O-A-M9201-001-02D	PROCESS MECHANICAL - PIPE EMBEDS - SECTION
WO-M9202	1-0601O-A-M9202-001-01D	PROCESS MECHANICAL - PIPE EMBEDS - SECTION DETAILS
WO-M9203	1-0601O-A-M9203-001-01D	PROCESS MECHANICAL - PIPE EMBEDS - SECTION DETAILS

The following Drawings have been revised and form part of this Addendum:

<u>Consultant Drawing No.</u>	<u>City Drawing No.</u>	<u>Title</u>
WA-E0101	1-0601A-A-E0101-001-01D	ELECTRICAL - ADMINISTRATION AREA - LOWER LEVEL FACILITY PLAN
WA-E0102	1-0601A-A-E0102-001-01D	ELECTRICAL - ADMINISTRATION AREA - LOWER LEVEL PROCESS PLAN
WA-E0103	1-0601A-A-E0103-001-01D	ELECTRICAL - ADMINISTRATION AREA - LOWER LEVEL POWER AND LIGHTING PLAN
WA-E0111	1-0601A-A-E0111-001-01D	ELECTRICAL - ADMINISTRATION AREA - FIRST FLOOR FACILITY PLAN
WA-E0112	1-0601A-A-E0112-001-01D	ELECTRICAL - ADMINISTRATION AREA - FIRST FLOOR PROCESS PLAN
WA-E0113	1-0601A-A-E0113-001-01D	ELECTRICAL - ADMINISTRATION AREA - FIRST FLOOR POWER AND LIGHTING PLAN
WA-E0121	1-0601A-A-E0121-001-01D	ELECTRICAL - ADMINISTRATION AREA - SECOND FLOOR FACILITY PLAN
WA-E0123	1-0601A-A-E0123-001-01D	ELECTRICAL - ADMINISTRATION AREA - SECOND FLOOR POWER AND LIGHTING PLAN
WA-E0131	1-0601A-A-E0131-001-01D	ELECTRICAL - ADMINISTRATION AREA - THIRD FLOOR FACILITY PLAN
WA-E0133	1-0601A-A-E0133-001-01D	ELECTRICAL - ADMINISTRATION AREA - THIRD FLOOR POWER AND LIGHTING PLAN
WA-E0145	1-0601A-A-E0145-001-01D	ELECTRICAL - ADMINISTRATION AREA - ROOF FACILITY PLAN
WA-E0147	1-0601A-A-E0147-001-01D	ELECTRICAL - ADMINISTRATION AREA - ROOF POWER AND LIGHTING PLAN
WA-E0201	1-0601A-A-E0201-001-01D	ELECTRICAL - ADMINISTRATION AREA - STAIR LIGHTING
WA-E0401	1-0601A-A-E0401-001-01D	ELECTRICAL - ADMINISTRATION AREA - SECOND FLOOR POWER AND LIGHTING PLAN
WA-E0402	1-0601A-A-E0402-001-01D	ELECTRICAL - ADMINISTRATION AREA - THIRD FLOOR POWER AND LIGHTING PLAN
WA-E0403	1-0601A-A-E0403-001-01D	ELECTRICAL - ADMINISTRATION AREA - THIRD FLOOR POWER AND LIGHTING PLAN
WB-A0404	1-0601B-D-A0404-001-01B	AUTOMATION / I&C - PRESSURE GUAGE INSTALLATION DETAILS
WB-E0110	1-0601B-A-E0110-001-01D	ELECTRICAL - OVERALL BUILDING - FIRST FLOOR PLAN
WB-E0120	1-0601B-A-E0120-001-01D	ELECTRICAL - OVERALL BUILDING - SECOND FLOOR PLAN
WB-E0130	1-0601B-A-E0130-001-01D	ELECTRICAL - OVERALL BUILDING - THIRD FLOOR PLAN
WB-E0145	1-0601B-A-E0145-001-01D	ELECTRICAL - OVERALL BUILDING - ROOF PLAN
WB-E0401	1-0601B-A-E0401-001-01D	ELECTRICAL - DETAILS
WB-E0402	1-0601B-A-E0402-001-01D	ELECTRICAL - DETAILS
WB-E0403	1-0601B-A-E0403-001-01D	ELECTRICAL - DETAILS
WB-E0404	1-0601B-A-E0404-001-01D	ELECTRICAL - DETAILS
WB-E0405	1-0601B-A-E0405-001-01D	ELECTRICAL - DETAILS
WB-E0511	1-0601B-F-E0511-001-01D	ELECTRICAL - 600V SWITCHGEAR SINGLE LINE DIAGRAM
WB-E0512	1-0601B-F-E0512-001-01D	ELECTRICAL - 600V SINGLE LINE DIAGRAM
WB-E0513	1-0601B-F-E0513-001-01D	ELECTRICAL - 600V SINGLE LINE DIAGRAM
WB-E0514	1-0601B-F-E0514-001-01D	ELECTRICAL - 600V SWITCHGEAR / MCC LAYOUTS
WB-E0517	1-0601B-F-E0517-001-01D	ELECTRICAL - 600V SINGLE LINE DIAGRAM
WB-E0518	1-0601B-F-E0518-001-01D	ELECTRICAL - 600V SWITCHGEAR / MCC LAYOUTS
WB-E0519	1-0601B-F-E0519-001-01D	ELECTRICAL - 600V SINGLE LINE DIAGRAM
WB-E0520	1-0601B-F-E0520-001-01D	ELECTRICAL - 600V SINGLE LINE DIAGRAM
WB-E0525	1-0601B-D-E0525-001-01D	ELECTRICAL - PANEL SCHEDULE
WB-E0526	1-0601B-D-E0526-001-01D	ELECTRICAL - PANEL SCHEDULE
WB-E0527	1-0601B-D-E0527-001-01D	ELECTRICAL - PANEL SCHEDULE
WB-E0528	1-0601B-D-E0528-001-01D	ELECTRICAL - PANEL SCHEDULE

<u>Consultant</u> <u>Drawing No.</u>	<u>City Drawing No.</u>	<u>Title</u>
WB-E0529	1-0601B-D-E0529-001-01D	ELECTRICAL - PANEL SCHEDULE
WB-E0531	1-0601B-D-E0531-001-01D	ELECTRICAL - PANEL SCHEDULE
WB-E0533	1-0601B-D-E0533-001-01D	ELECTRICAL - PANEL SCHEDULE
WB-E0534	1-0601B-D-E0534-001-01D	ELECTRICAL - PANEL SCHEDULE
WB-E0535	1-0601B-D-E0535-001-01D	ELECTRICAL - PANEL SCHEDULE
WB-E0538	1-0601B-D-E0538-001-01D	ELECTRICAL - PANEL SCHEDULE
WB-E0539	1-0601B-D-E0539-001-01D	ELECTRICAL - PANEL SCHEDULE
WB-E0545	1-0601B-H-E0545-001-01D	ELECTRICAL - CONTROL DIAGRAM
WB-E0546	1-0601B-H-E0546-001-01D	ELECTRICAL - CONTROL DIAGRAM
WB-E0547	1-0601B-H-E0547-001-01D	ELECTRICAL - CONTROL DIAGRAM
WB-E0548	1-0601B-H-E0548-001-01D	ELECTRICAL - CONTROL DIAGRAM
WB-E0552	1-0601B-H-E0552-001-01D	ELECTRICAL - CONTROL DIAGRAM
WB-E0553	1-0601B-H-E0553-001-01D	ELECTRICAL - CONTROL DIAGRAM
WB-E0558	1-0601B-H-E0558-001-01D	ELECTRICAL - CONTROL DIAGRAM
WB-E0561	1-0601B-H-E0561-001-01D	ELECTRICAL - CONTROL DIAGRAM
WB-E0562	1-0601B-H-E0562-001-01D	ELECTRICAL - CONTROL DIAGRAM
WB-E0563	1-0601B-H-E0563-001-01D	ELECTRICAL - CONTROL DIAGRAM
WB-E0566	1-0601B-H-E0566-001-01D	ELECTRICAL - CONTROL DIAGRAM
WB-E0567	1-0601B-H-E0567-001-01D	ELECTRICAL - CONTROL DIAGRAM
WC-E0111	1-0601C-A-E0111-001-01D	ELECTRICAL - CHEMICAL AREA - FIRST FLOOR FACILITY PLAN
WC-E0112	1-0601C-A-E0112-001-01D	ELECTRICAL - CHEMICAL AREA - FIRST FLOOR PROCESS PLAN
WC-E0113	1-0601C-A-E0113-001-01D	ELECTRICAL - CHEMICAL AREA - FIRST FLOOR POWER AND LIGHTING PLAN
WC-E0121	1-0601C-A-E0121-001-01D	ELECTRICAL - CHEMICAL AREA - SECOND FLOOR FACILITY PLAN
WC-E0122	1-0601C-A-E0122-001-01D	ELECTRICAL - CHEMICAL AREA - SECOND FLOOR PROCESS PLAN
WC-E0123	1-0601C-A-E0123-001-01D	ELECTRICAL - CHEMICAL AREA - SECOND FLOOR POWER AND LIGHTING PLAN
WC-E0131	1-0601C-A-E0131-001-01D	ELECTRICAL - CHEMICAL AREA - THIRD FLOOR FACILITY PLAN
WC-E0133	1-0601C-A-E0133-001-01D	ELECTRICAL - CHEMICAL AREA - THIRD FLOOR POWER AND LIGHTING PLAN
WC-E0145	1-0601C-A-E0145-001-01D	ELECTRICAL - CHEMICAL AREA - ROOF FACILITY PLAN
WC-E0147	1-0601C-A-E0147-001-01D	ELECTRICAL - CHEMICAL AREA - ROOF POWER AND LIGHTING PLAN
WC-E0201	1-0601C-A-E0201-001-01D	ELECTRICAL - CHEMICAL AREA - STAIR LIGHTING
WC-S7401	1-0601C-A-S7401-001-01D	STRUCTURAL - CHEMICAL AREA - DETAILS
WF-E0101	1-0601F-A-E0101-001-01D	ELECTRICAL - FILTRATION AREA 1 - LOWER LEVEL FACILITY PLAN
WF-E0102	1-0601F-A-E0102-001-01D	ELECTRICAL - FILTRATION AREA 2 - LOWER LEVEL FACILITY PLAN
WF-E0103	1-0601F-A-E0103-001-01D	ELECTRICAL - FILTRATION AREA 1 - LOWER LEVEL PROCESS PLAN
WF-E0104	1-0601F-A-E0104-001-01D	ELECTRICAL - FILTRATION AREA 2 - LOWER LEVEL PROCESS PLAN
WF-E0105	1-0601F-A-E0105-001-01D	ELECTRICAL - FILTRATION AREA 1 - LOWER LEVEL POWER AND LIGHTING PLAN
WF-E0106	1-0601F-A-E0106-001-01D	ELECTRICAL - FILTRATION AREA 2 - LOWER LEVEL POWER AND LIGHTING PLAN
WF-E0121	1-0601F-A-E0121-001-01D	ELECTRICAL - FILTRATION AREA 1 - SECOND FLOOR FACILITY PLAN
WF-E0122	1-0601F-A-E0122-001-01D	ELECTRICAL - FILTRATION AREA 1 - UPPER CHANNEL FACILITY PLAN
WF-E0125	1-0601F-A-E0125-001-01D	ELECTRICAL - FILTRATION AREA 1 - SECOND FLOOR POWER AND LIGHTING PLAN
WF-E0131	1-0601F-A-E0131-001-01D	ELECTRICAL - FILTRATION AREA 1 - THIRD FLOOR FACILITY PLAN
WF-E0132	1-0601F-A-E0132-001-01D	ELECTRICAL - FILTRATION AREA 2 - THIRD FLOOR FACILITY PLAN
WF-E0133	1-0601F-A-E0133-001-01D	ELECTRICAL - FILTRATION AREA 1 - THIRD FLOOR PROCESS PLAN
WF-E0134	1-0601F-A-E0134-001-01D	ELECTRICAL - FILTRATION AREA 2 - THIRD FLOOR PROCESS PLAN
WF-E0135	1-0601F-A-E0135-001-01D	ELECTRICAL - FILTRATION AREA 1 - THIRD FLOOR POWER AND LIGHTING PLAN
WF-E0136	1-0601F-A-E0136-001-01D	ELECTRICAL - FILTRATION AREA 2 - THIRD FLOOR POWER AND LIGHTING PLAN
WF-M0405	1-0601F-A-M0405-001-01D	PROCESS MECHANICAL - FILTRATION BACKWASH PUMP GALLERY AREA - PLAN DETAIL
WI-E0111	1-0601I-A-E0111-001-01D	ELECTRICAL - RAW WATER PUMP STATION AREA - FIRST FLOOR FACILITY PLAN
WI-E0131	1-0601I-A-E0131-001-01D	ELECTRICAL - RAW WATER PUMP STATION AREA - THIRD FLOOR FACILITY PLAN
WI-E0132	1-0601I-A-E0132-001-01D	ELECTRICAL - RAW WATER PUMP STATION AREA - THIRD FLOOR PROCESS PLAN
WI-E0133	1-0601I-A-E0133-001-01D	ELECTRICAL - RAW WATER PUMP STATION AREA - THIRD FLOOR POWER AND LIGHTING PLAN
WI-S7121	1-0601I-A-S7121-001-01D	STRUCTURAL - RAW WATER PUMP STATION AREA - SECOND FLOOR PLAN
WM-E0111	1-0601M-A-E0111-001-01D	ELECTRICAL - ELECTRICAL ROOM AREA - FIRST FLOOR FACILITY PLAN
WM-E0112	1-0601M-A-E0112-001-01D	ELECTRICAL - ELECTRICAL ROOM AREA - FIRST FLOOR PROCESS PLAN
WM-E0131	1-0601M-A-E0131-001-01D	ELECTRICAL - ELECTRICAL ROOM AREA - THIRD FLOOR FACILITY PLAN
WM-E0133	1-0601M-A-E0133-001-01D	ELECTRICAL - ELECTRICAL ROOM AREA - THIRD FLOOR POWER AND LIGHTING PLAN
WM-H0113	1-0601M-A-H0113-001-01D	FIRE PROTECTION - FIRE PUMP ROOM - LOWER LEVEL AND FIRST FLOOR PLANS

<u>Consultant Drawing No.</u>	<u>City Drawing No.</u>	<u>Title</u>
WM-H0261	1-0601M-A-H0261-001-01D	FIRE PROTECTION - FIRE PUMP ROOM - SECTIONS
WM-H0262	1-0601M-A-H0262-001-01D	FIRE PROTECTION - FIRE PUMP ROOM - SECTIONS
WO-E0131	1-0601O-A-E0131-001-01D	ELECTRICAL - OZONATION AREA - THIRD FLOOR FACILITY PLAN
WO-E0132	1-0601O-A-E0132-001-01D	ELECTRICAL - OZONATION AREA - THIRD FLOOR PROCESS PLAN
WO-E0133	1-0601O-A-E0133-001-01D	ELECTRICAL - OZONATION AREA - THIRD FLOOR POWER AND LIGHTING PLAN
WO-E0145	1-0601O-A-E0145-001-01D	ELECTRICAL - OZONATION AREA - ROOF FACILITY PLAN
WP-E0111	1-0601P-A-E0111-001-01D	ELECTRICAL - FLOC/DAF AREA 1 - FIRST FLOOR FACILITY PLAN
WP-E0112	1-0601P-A-E0112-001-01D	ELECTRICAL - FLOC/DAF AREA 2 - FIRST FLOOR FACILITY PLAN
WP-E0113	1-0601P-A-E0113-001-01D	ELECTRICAL - FLOC/DAF AREA 1 - FIRST FLOOR PROCESS PLAN
WP-E0114	1-0601P-A-E0114-001-01D	ELECTRICAL - FLOC/DAF AREA 2 - FIRST FLOOR PROCESS PLAN
WP-E0116	1-0601P-A-E0116-001-01D	ELECTRICAL - FLOC/DAF AREA 2 - FIRST FLOOR POWER AND LIGHTING PLAN
WP-E0131	1-0601P-A-E0131-001-01D	ELECTRICAL - FLOC/DAF AREA 1 - THIRD FLOOR FACILITY PLAN
WP-E0132	1-0601P-A-E0132-001-01D	ELECTRICAL - FLOC/DAF AREA 2 - THIRD FLOOR FACILITY PLAN
WP-E0134	1-0601P-A-E0134-001-01D	ELECTRICAL - FLOC/DAF AREA 2 - THIRD FLOOR PROCESS PLAN
WP-E0135	1-0601P-A-E0135-001-01D	ELECTRICAL - FLOC/DAF AREA 1 - THIRD FLOOR POWER AND LIGHTING PLAN
WP-E0136	1-0601P-A-E0136-001-01D	ELECTRICAL - FLOC/DAF AREA 2 - THIRD FLOOR POWER AND LIGHTING PLAN
WR-E0111	1-0601R-A-E0111-001-01D	ELECTRICAL - RESIDUALS HANDLING AREA - FIRST FLOOR FACILITY PLAN
WR-E0112	1-0601R-A-E0112-001-01D	ELECTRICAL - RESIDUALS HANDLING AREA - FIRST FLOOR PROCESS PLAN
WR-E0113	1-0601R-A-E0113-001-01D	ELECTRICAL - RESIDUALS HANDLING AREA - FIRST FLOOR POWER AND LIGHTING PLAN
WR-E0121	1-0601R-A-E0121-001-01D	ELECTRICAL - RESIDUALS HANDLING AREA - SECOND FLOOR FACILITY PLAN
WR-E0122	1-0601R-A-E0122-001-01D	ELECTRICAL - RESIDUALS HANDLING AREA - SECOND FLOOR PROCESS PLAN
WR-E0123	1-0601R-A-E0123-001-01D	ELECTRICAL - RESIDUALS HANDLING AREA - SECOND FLOOR POWER AND LIGHTING PLAN
WR-E0131	1-0601R-A-E0131-001-01D	ELECTRICAL - RESIDUALS HANDLING AREA - THIRD FLOOR FACILITY PLAN
WR-E0132	1-0601R-A-E0132-001-01D	ELECTRICAL - RESIDUALS HANDLING AREA - THIRD FLOOR PROCESS PLAN
WR-E0133	1-0601R-A-E0133-001-01D	ELECTRICAL - RESIDUALS HANDLING AREA - THIRD FLOOR POWER AND LIGHTING PLAN
WR-E0201	1-0601R-A-E0201-001-01D	ELECTRICAL - RESIDUALS HANDLING AREA - STAIR LIGHTING
WR-E0401	1-0601R-A-E0401-001-01D	ELECTRICAL - RESIDUALS HANDLING AREA - SECOND FLOOR PROCESS PLAN
WS-E0501	1-0601S-F-E0501-001-01D	ELECTRICAL - BULK CHEMICAL - 600V SWITCHGEAR SINGLE LINE DIAGRAM

- Clarification: With reference to drawing WA-E0402 and the luminaire schedule on drawing WB-E0501: the fluorescent light fixture shown switched from switch 73c shall be a type L luminaire.
- Clarification: With reference to drawing WC-E0113 and the luminaire schedule on drawing WB-E0501: the exit light fixture shown on gridline BG shall be a type D luminaire.
- Clarification: With reference to drawing WC-E0123 and the luminaire schedule on drawing WB-E0501: all of the fluorescent light fixtures shown on the Polymer Preparation Platform on circuit 29 shall be type I luminaires.
- Clarification: With reference to drawing WC-E0133 and the luminaire schedule on drawing WB-E0501: the exit light fixture shown in Electrical Room No. 2 on gridline B14 shall be a type D luminaire.
- Clarification: With reference to drawing WF-E0136: delete the unlabelled fluorescent luminaire shown just south of gridline BB in the Filter Gallery.
- Clarification: With reference to drawing WP-E0116 and the luminaire schedule on drawing WB-E0501: all fluorescent light fixtures shown on circuit 5 shall be a type A luminaires.
- Clarification: With reference to drawing WS-E0501: the 400A cable bus duct and the power cable run from SWGR #2A to MCC 4 is not in contract.
- Clarification: With reference to drawing WF-E0122: The portions of cable trays T16B910 and T161B920 that are shown outside of the WTP and are not in contract.