Albuquerque Bernalillo County
Water Utility Authority

PO Box 568
Albuquerque, NM 87103
505-289-3000
www.abcwua.org

Chair
Maggie Hart Stebbins
County of Bernalillo
Commissioner, District 3

Vice Chair
Trudy E. Jones
City of Albuquerque
Councilor, District 8

Richard J. Berry
City of Albuquerque
Mayor

Art De La Cruz
County of Bernalillo
Commissioner, District 2

Rey Garduño
City of Albuquerque
Councilor, District 6

Debbie O'Malley
County of Bernalillo
Commissioner, District 1

Ken Sanchez
City of Albuquerque
Councilor, District 1

Ex-Officio Member
Pablo R. Rael
Village of Los Ranchos
Board Trustee

Executive Director
Mark S. Sanchez

Website
www.abcwua.org

June 30, 2015

N/M0022250

Ms. Gladys Gooden-Jackson
Water Enforcement Branch (6EN-WC)
EPA, Region 6
1445 Ross Avenue, Suite 1200
Dallas, TX 75202-2733

VIA USPS MAIL: CERTIFIED MAIL - RETURN RECEIPT REQUESTED

RE: Administrative Order CWA-06-2015-1733
Progress Report for period ending June 30, 2015

Dear Ms. Gooden-Jackson:

On March 24, 2015, the Albuquerque Bernalillo County Water Utility Authority (Water Authority) received an Administrative Order (AO), Docket Number CWA-06-2015-1733. This progress report was prepared in accordance with the requirements on the AO and represents the status of the various projects at the end of June 2015. The response is organized in the order in which the projects appear in the AO.

1. **Complete Preliminary Treatment Facility Replacement by December 31, 2015.**

   The Preliminary Treatment Facility replacement has been under construction for more than a year and will be complete and ready for start-up is summer 2015. The new facility includes grit removal in three stages: first-stage grit removal, second-stage vortex grit conveyors, and third-stage bar screens and grit classifiers. Attachment A includes a couple of construction photos of the new facility. To date, the Water Authority has paid $33 million towards this project (see May Application for Payment in Attachment B).

2. **Complete Remedial Action Maintenance Plan (RAMP) Report Update by December 31, 2015.**

   A consultant has been selected to provide an update to the RAMP. Water Authority and the consultant are preparing the scope and negotiating the fee so that this update can be issued by the end of 2015. The amount budgeted for this task is $200,000.

3. **Complete Pre-Screens for UV Disinfection Facility by December 31, 2016.**

   An alternatives evaluation technical memorandum was completed for the project in 2013. The recommended screening technology is center flow band screens. The estimated project cost is $3.7-million. Negotiations are currently underway to have the engineering consultant prepare the design. Construction will be complete for this facility by the end of December 31, 2016.

1 - Permit/CD
2 - AO & AO mat'l
3 - DMR's
4 - Vio. Sum. Log
5 - NCR
6 - Correspondence
7 - CRAS
Date Filed
Clerk's Initials

Received
JUL 06 2015
GEN-W

4. Complete Aeration Basin Rehabilitation by June 30, 2017.

Aeration Basin Rehabilitation consists of air diffuser and diffuser piping replacement in all fourteen basins. This work has been ongoing for the past four years. The initial diffuser replacements have had a noticeable beneficial impact on overall air supply needs and the number of air supply blowers required for meeting oxygen transfer needs. For example, a year ago Water Authority was using between six and eight blowers during peak, and today the number of blowers required during peak flow is between three and five. Diffuser replacement is complete in eleven of the fourteen basins: North Basins 1, 2, and 6; as well as South Basins 1-8. The remaining three basins will be complete in spring 2016, as follows: North Process Basin 5 complete by September, 2015; and North Basins 3 and 4 is scheduled to be complete by end of March, 2016. To date, the Water Authority has spent $1.2 million on aeration basin rehabilitation.

Associated work that has recently been completed in the rehabilitation of the multi-stage centrifugal blowers. All twelve of the blowers are currently functional. As mentioned above, improvements to the aeration basin diffusers, as well as repair of air leaks in the blower discharge piping, has improved oxygen transfer so that only five of the twelve blowers are required during peak flows. The plant now has ample primary and redundant blower capacity.

Other improvements to the Aeration Basins currently under construction are installation of biological nutrient monitoring systems. These on-line instruments will provide the plant control room operators with real-time measurements of ammonium, nitrate, dissolved oxygen, and oxidation reduction potential (ORP). These readings will assist the plant in optimizing the biological removal of ammonia and total nitrogen.

Future improvements to the basins includes bringing the air control valves up to the deck level and out of the mixed liquor. This will facilitate preventative maintenance on these valves. This improvement is complete for two of the basins, and will eventually be done for all fourteen of the aeration basins.

5. Complete Storm Water Drainage Improvements by June 30, 2017.

The pipes utilized by storm water outlets 2 and 3 have been filled with concrete and buried. A dye test was performed April 6, 2015 which demonstrated that the concrete plugs will prevent flow from leaving the outlets. Storm water outlet 1 has a large earthen berm in front of it. This berm held during the overflow event. During subsequent rainfall events, no discharge has been observed from any of the storm water outlets.

Water Authority staff are working on design of two storm/spill retention basins: one on the north side and another on the south side of the plant site. When complete, all runoff will be detained and pumped back to the head of the plant thereby eliminating the need for future storm water discharge points. The drainage ponds will also provide on-site storage in the event of a major power failure to provide on-site containment to prevent overflows leaving the

Southside Water Reclamation Plant property. The Water Authority has budgeted $1.4-million for construction of these basins and construction will be completed by June 30, 2017.

6. **Complete Solids Dewatering Facility (SDF) Replacement and/or Improvements by December 31, 2017.**

The design for the renewal of the SDF is currently underway. The work includes installing one new centrifuge, replacing the troublesome cake conveyor belt with a set of shaft-less screws and cake pumps, adding an emulsion polymer storage and feed facility, and installing two additional cake storage bins to increase storage capacity by 50 percent. Related projects include a new equipment storage building and adding 2.6 million gallons of additional liquid digested sludge storage capacity. This additional storage will allow for steadier operation of the solids treatment systems at the SWRP.

The design consultant is scheduled to complete the design of the improvements by the winter of 2015/2016. It is planned to issue two or more construction packages for the different components. The overall project is scheduled to be completed by end of 2017. The total cost for the improvements is estimated to be $25-million.

7. **Complete Secondary Sludge Thickening Improvements by March 31, 2018.**

Much of the mechanical equipment including components associated with the compressed air system has recently been renewed at the Dissolved Air Flotation Facility. The building roof was renewed in 2015. A desk top evaluation of alternative sludge thickening technologies was completed in 2014.

A pilot study of three different technologies has been designed and manufacturer equipment is currently scheduled to be tested in late summer/fall of 2015. The three technologies to be tested are as follows: rotary drum, screw, and centrifuge. These pilot tests will assist in determining the best approach for completing the renewal of this facility.

8. **Complete Return Activated Sludge (RAS) and Sludge Withdrawal Pumps Improvements by June 30, 2018.**

A spare RAS pump has been ordered and should arrive in July 2015. Each pump costs approximately $107,000 delivered. Upon arrival of the spare pump, one of the existing pumps can be removed and the new pump installed. The removed pump can them be sent out for renewal. This will allow each of the existing pumps to be sequentially renewed.

9. Complete Existing Digester Rehabilitation and Improvements by May 30, 2019.

The Water Authority has been and continues to rehabilitate and make improvements to the fourteen anaerobic digesters at the SWRP. To date, we have spent $1.04 million on this project in FY15. The following list of items have been completed or are underway towards completing rehabilitation:

- A significant number of the existing draft tube mixers have been renewed and improved seals and automatic greasing units installed. A new mixing technology (i.e., linear mixing) is being installed on one of the primary digesters as a demonstration project, prior to deciding on full replacement of the mixing systems.
- The sludge heating systems have been renewed and allow for consistent temperature control.
- New magnetic flow meters have been installed on the sludge lines.
- The mixer on the Sludge Blending Tank has been renewed.
- Currently, safety pressure relief valves and access hatches on top of the digesters are being renewed.
- Cracks in the concrete walls and roofs of the digesters that show signs of leakage have been sealed with epoxy sealant.
- Structural repairs to the interior corbels have been made to two of the four secondary digesters. This allows these tanks to be drawn down safely.
- A project is currently under design for rehabilitating the two digester gas holding tanks and the high pressure gas sphere. This work will include replacing the existing protective coatings on the interior and exterior of these tanks.
- A comprehensive design analysis report (DAR) was completed by a consultant in January 2015. This report provides a plan for a complete renewal of the digesters as well as a plan for adding additional primary digester capacity.
- Upcoming work includes renewal of the electrical, instrumentation, and mechanical systems in the Digester Galleries. This will complete the first phase of digester rehabilitation.
- As mentioned under the Solids Dewatering Facility (SDF) Replacement and/or Improvements section of this report, supplemental digested sludge storage is currently under design. This will include the conversion of an existing 0.6 mil gal tank and the construction of a new 2.0 mil gal tank. The combined capacity of these two tanks will provide approximately 5 days of digested sludge capacity and will allow the plant to
- Waste sludge as required as well as allow the solids dewatering system to operate on a steadier basis.

- Once additional liquid digested sludge storage capacity becomes available, it is currently planned to convert two of the four secondary digesters to primary digesters providing additional digestion capacity.
- Future rehabilitation of the digesters will include renewal of the interior coatings of each digester and any structural repairs. This work can be started once additional primary capacity is available, so that one or two digesters can be taken out of service for several months at a time without compromising the digestion process.

10. Complete Digester Cleaning Program by September 30, 2019.

A complete round of cleaning of the fourteen digesters was completed in 2012. In 2014 Digesters 13 and 14 were re-cleaned at a cost of $101,000. A new round of digester cleaning will begin later in 2015. The anticipated costs of the next round of cleaning is $0.6 million. It is anticipated that the new PTF will greatly reduce the amount of grit that is deposited in the digesters.

The Water Authority tracks expenditures for each of these projects via Capital Improvements Project (CIP) reports. The FY15 CIP report for the SWRP is included as Attachment C.

Please contact me at (505) 289-3150 or jstomp@abcwua.org if you have any questions or need additional information.

Sincerely,

John M. Stomp III, P.E.
Chief Operating Officer

Attachments

cc: Bruce Yurdin, Surface Water Quality Bureau, NMED

Administrative Order; Docket Number CWA-06-2015-1733 Progress Report

Albuquerque Bernalillo County Water Utility Authority

June 2015

The Albuquerque Bernalillo County Water Utility Authority (Water Authority) submits the following Administrative Order; Docket Number CWA-06-2015-1733 Progress Report.

CERTIFICATION

I certify under penalty of law that I have examined and am familiar with the information in the enclosed documents, including all attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for knowingly submitting false statements and information, including the possibility of fines or imprisonment.

6/30/15
Date

Signature

Attachment A

Preliminary Treatment Facility (PTF) Photos
(Under Construction)

2015/06/10

2015/06/10

Attachment B

Application for Payment
May 2015

Albuquerque Bernalillo County
Water Utility Authority

P.O. Box 568 ALBUQUERQUE, NEW MEXICO 87103-0568

APPLICATION FOR PAYMENT

CONSULTANT ENGINEER CDM Smith
Phone: 505-243-2000 FAX: 505-243-2700

CONTRACTOR/PAYEE: PCL Construction New Mexico, Inc.

Address: 5100 San Francisco NW Suite B
City, State: Albuquerque, NM 87106
Phone: 505-797-1028 FAX: 505-797-4972

DATE PREPARED: May 29, 2015
WUA P.O. No. P7820.61 CO0000048
Project No. 7820.61
Project Name: Southside Water Reclamation Plant Preliminary Treatment Facility
Estimate No. **019 (Nineteen)**
Estimate FROM May 1, 2015 to May 31 2015
Notice to Proceed Date: November 4, 2013

	ORIGINAL	CURRENT*
Contract Amount:	$ 30,788,027.02	$34,344,847.02
Contract Time (calendar days):	548 Days	564 Days
Contract Completion Date:	May 6, 2015	May 22, 2015

CHANGE ORDERS APPROVED 1-5: Total Amount: $ 3,556,820.00

The current column above reflects modifications which have been authorized by Water Utility Authority approved Change Orders.

SCHEDULED PERCENT COMPLETE: Time 100% Funds: 99.5%
ACTUAL PERCENT COMPLETE: Time 90% Funds: 95.38% ✓

Payment Request		Activity No.	Amount
Total Completed To Date:	$32,758,292.26	JL 0301 02	$
		BASE	$ 2,283,256.50
Less Previous Payment(s):	$29,772,542.47	CO's	$ 702,493.29
			$
Amount Due This Estimate	$ 2,985,749.79 ✓		$
		Finance	Date

In accordance with the contract between Albuquerque Bernalillo County Water Utility Authority (Owner) and PCL Construction New Mexico, Inc. (Contractor) dated November 2, 2013 we certify that the above estimate is correct.

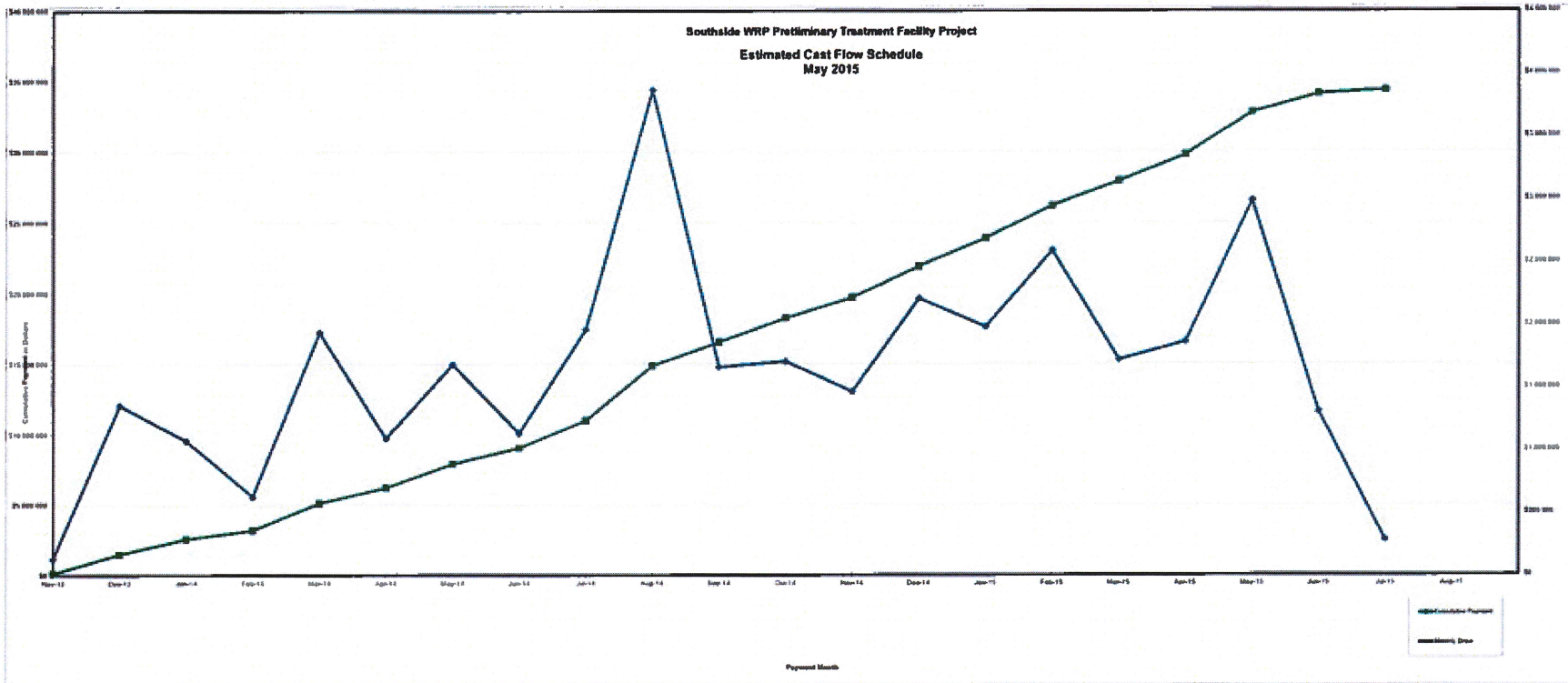
RECOMMENDED:
By: _____ 6-3-2015
Project Manager Date

RECOMMENDED:
By: _____ 5-29-15
Contractor Date

RECOMMENDED:
By: _____ 6/02/2015
Resident Engineer Date

APPROVED:
By: _____ _____
Chief Financial Officer Date

5-10-12



Month	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	
Monthly Draw	$130,020	$1,556,180	$1,874,735	$829,552	$1,936,438	$1,895,817	$1,881,821	$1,135,438	$1,980,109	$3,684,438.02	$1,881,182.21	$1,705,525.34	$1,468,918.01	$2,298,261.92	$1,980,603	$2,548,488	$1,719,887	$1,662,795	$2,985,750	$1,307,005	$270,460		
	0.4%	4.8%	7.9%	10.8%	14.3%	19.3%	23.3%	29.3%	39.3%	44.3%	54.3%	63.8%	72.8%	79.8%	85.8%	91.3%	61.3%	89.7%	95.4%	99.2%	100.0%		
Cumulative Payment Total	$130,020	$1,486,210	$2,562,945	$3,181,408	$5,127,927	$6,273,544	$7,805,365	$9,040,803	$11,000,803	$14,885,341	$16,526,535	$18,232,060	$19,696,878	$21,904,340	$23,885,233	$26,189,801	$27,808,758	$29,772,542	$32,754,292	$34,085,347	$34,344,847		
% of Project Total	0.42%	4.41%	3.00%	3.00%	3.50%	4.00%	5.00%	6.00%	7.00%	8.00%	10.00%	9.50%	9.00%	7.00%	6.00%	7.54%	5.01%	5.47%	6.00%	3.81%	0.81%		

Line Item	Pay Item	Unit Price	Previous Amount	Period Amount	TTD Percent	TTD Amount	
	General Conditions						
1	Mobilization	1 200 000	1 200 000.00	0.00	100.00%	1 200 000 00	
2	Performance and Operational Testing	50,000	0.00	0.00	0 00%	0.00	
3	14 Day 24 Hr Operational Period	7,500	0 00	0.00	0 00%	0.00	
4	I&C 30 day Site Acceptance Test	10 000	0 00	0 00	0.00%	0.00	
5	Punchlist	20,000	0 00	0.00	0.00%	0.00	
6	Demobilization	100,000	0.00	0.00	0.00%	0 00	
7	Total General Conditions	1,387,500		0.00	86 49%		1,200,000.00
	Submittals (Approved)						
8	P&S Dewatering (02140)	1 000	1 000 00	0.00	100.00%	1 000.00	
9	P&S Aggregate Piers (02465)	1,000	1,000 00	0 00	100.00%	1 000 00	
10	P&S PVC Pipe (02621 & 02622)	1,000	1,000 00	0 00	100.00%	1 000.00	
11	P&S Concrete Mix Designs (03300)	1 000	1 000 00	0.00	100.00%	1 000.00	
12	P&S Caulking & Sealers (07901)	1,000	1,000 00	0.00	100.00%	1 000 00	
13	P&S Plastic Pipe & Fittings (15064)	1,000	1 000 00	0.00	100.00%	1 000.00	
14	P&S Thermal Insulation (15250)	1,000	1 000 00	0 00	100 00%	1,000.00	
15	P&S Medium Voltage Load Interrupter Switchgear (16380)	1 000	1,000 00	0.00	100.00%	1 000 00	
16	P&S Pad Mounted Transformer (16431)	1 000	1 000 00	0.00	100.00%	1 000 00	
17	P&S Low Voltage Switchgear (16450)	1,000	1,000 00	0.00	100 00%	1,000.00	
18	P&S Panel Boards (16470)	1 000	1,000 00	0 00	100.00%	1 000.00	
19	P&S Low Voltage MCC (16480)	1 000	1 000 00	0.00	100.00%	1 000 00	
20	P&S VFD Controllers (16482)	1,000	1,000 00	0 00	100.00%	1,000.00	
21	P&S Automatic Transfer Switches (16492)	1,000	1,000.00	0 00	100.00%	1 000 00	
22	P&S Lighting (16500)	1 000	1 000 00	0 00	100.00%	1,000.00	
23	P&S Fire Alarm System (16720)	1,000	1,000 00	0 00	100.00%	1,000.00	
24	P&S Pavement (02500)	1 000	1,000.00	0 00	100.00%	1,000.00	
25	P&S DI Pipe (02616)	1 000	1,000.00	0.00	100 00%	1 000 00	
26	P&S FRP Pipe (02625)	1,000	1 000.00	0.00	100.00%	1,000.00	
27	P&S Rebar (03200)	1 000	1,000.00	0 00	100.00%	1,000.00	
28	P&S Masonry (04200)	1 000	1 000.00	0 00	100.00%	1,000.00	
29	P&S Metal Decking (05310)	1 000	1,000.00	0.00	100.00%	1,000.00	
30	P&S Composite Steel Deck (05321)	1 000	1 000 00	0.00	100 00%	1 000 00	
31	P&S Waterproofing, Damproofing, Caulking (07005)	1,000	1,000.00	0.00	100 00%	1,000.00	
32	P&S TPO Roofing (07543)	1,000	1,000.00	0 00	100.00%	1,000.00	
33	P&S FRP Doors & Frames (08220)	1 000	1 000 00	0.00	100.00%	1 000.00	
34	P&S Overhead Doors (08331)	1,000	1,000 00	0 00	100.00%	1,000.00	
35	P&S Aluminum Windows (08530)	1,000	1,000.00	0.00	100.00%	1,000.00	
36	P&S Finish Hardware (08700)	1 000	1,000.00	0.00	100.00%	1,000.00	
37	P&S Glazing (08800)	1,000	1,000.00	0.00	100.00%	1 000.00	
38	P&S Field Painting (09902)	1,000	1,000.00	0.00	100.00%	1 000.00	
39	P&S Signage (10400)	1 000	1 000.00	0.00	100.00%	1,000.00	
40	P&S Fire Extinguishers & Accessories (10522)	1,000	1 000.00	0.00	100.00%	1,000.00	
41	P&S Steel Pipe & Fittings (15061)	1 000	1 000.00	0.00	100.00%	1 000.00	
42	P&S Pipe Hangers & Supports (15140)	1,000	1 000.00	0 00	100.00%	1,000.00	
43	P&S Precast MH & Boxes (02605)	1,000	1,000.00	0 00	100.00%	1,000.00	
44	P&S RCP Pipe (02612)	5 000	5,000.00	0.00	100.00%	5,000.00	
45	P&S HDPE Pipe (02623 & 02624)	1 000	1,000.00	0.00	100.00%	1 000.00	
46	P&S Structural Steel (05120)	1,000	1,000.00	0 00	100.00%	1,000.00	
47	P&S Misc Metals (05500)	1,000	1,000.00	0.00	100.00%	1 000.00	
48	P&S Translucent Panel System (08950)	1 000	1,000.00	0.00	100.00%	1 000.00	
49	P&S Mobile Service Platform (14455)	1,000	1 000.00	0 00	100.00%	1,000.00	
50	P&S Stainless Steel Pipe & Fittings (15066)	1 000	1,000.00	0 00	100.00%	1 000.00	
51	P&S Basic Electrical Material (16000-16191)	1 000	1 000.00	0.00	100.00%	1,000.00	
52	P&S Plumbing Piping & Equipment (15410 & 15450)	1 000	1,000.00	0.00	100.00%	1,000.00	
53	P&S HVAC (15500-15990)	1 000	1 000.00	0.00	100.00%	1 000.00	
54	P&S Second Stage Grit Removal Equip (11325)	5 000	5,000.00	0.00	100.00%	5,000.00	
55	P&S Uninterruptible Power Supply (13335 & 16235)	1 000	1,000.00	0 00	100.00%	1,000.00	
56	P&S Instruments (13340)	1 000	1 000.00	0.00	100.00%	1,000.00	
57	P&S Valves (02640 & 15100)	1 000	1,000.00	0.00	100.00%	1,000.00	
58	P&S Submersible Sump Pumps (11303)	1,000	1,000.00	0.00	100.00%	1,000.00	
59	P&S Positive Displacement Blowers (11372)	5 000	5 000.00	0.00	100.00%	5,000.00	
60	P&S Fiber Optic Cabling & Equipment (13321)	1 000	1 000.00	0.00	100.00%	1 000.00	
61	P&S Roll Off Conveyor System (14300)	5 000	5 000.00	0.00	100.00%	5,000.00	
62	P&S Grit Screw Conveyors (14556)	5 000	5 000.00	0.00	100.00%	5 000.00	
63	P&S Overhead Bridge Crane (14630)	1 000	1 000.00	0.00	100.00%	1 000.00	
64	P&S Fabricated Gates (11282)	5,000	5,000.00	0.00	100.00%	5,000.00	
65	P&S Grit Classifiers (11326)	5,000	5 000.00	0 00	100.00%	5 000.00	
66	P&S Multi Rake Bar Screens (11330)	5 000	5 000.00	0.00	100.00%	5,000.00	
67	P&S Screening Washing & Compact Equip (11332)	5 000	5,000.00	0.00	100.00%	5 000.00	
68	P&S Powered Gate & Valve Actuators (15102)	1 000	1,000.00	0.00	100.00%	1 000.00	
69	P&S Aluminum Covers (11244)	5 000	5,000.00	0 00	100.00%	5 000.00	
70	P&S Biofilter Odor Control (11258)	5,000	5,000.00	0.00	100.00%	5 000.00	
71	P&S Submersible Wastewater Pumps (11305)	5,000	5 000.00	0.00	100.00%	5,000.00	
72	P&S Horizontal Recessed Impeller Pumps (11314)	5 000	5,000.00	0.00	100.00%	5 000.00	
	Total Submittals	117,000		0.00	100.00%		117,000.00
	Procurement & Delivery (Material On-Hand)						
73	P&D Electrical Gear (16380, 16431,16450,16470,16480, 16482, 16492, 16235)	706,555	706,555 00	$0.00	100 00%	706,555.00	
75	P&D Lighting (16500)	245 000	245 000.00	0 00	100 00%	245 000.00	
76	P&D Fire Alarm System (16720)	125 000	125 000.00	0.00	100.00%	125,000.00	
77	P&D Lightning Protection (16502)	26,160	26 160.00	0.00	100.00%	26 160.00	
78	P&D Manholes (16600)	111 640	111 640.00	0.00	100.00%	111 640.00	
79	P&D Electrical System Analysis (16015)	24 950	24 950 00	0.00	100.00%	24 950.00	
80	P&D PVC Pipe (02621 & 02622)	176 661	176 661 00	$0.00	100.00%	176,661.00	
81	P&D DI Pipe (02616)	122 000	122 000.00	$ -	100.00%	122,000 00	
82	P&D Steel Pipe & Fittings (15061)	176 600	176 600.00	0.00	100.00%	176,600 00	

83	P&D FRP Pipe (02625)	125,000	0.00	81 590.00	65.27%	81,590.00	
84	P&D HDPE Pipe (02623 & 02624)	130 000	124,093 47	5 906.53	100.00%	130 000.00	
85	P&D Misc Metals (05500)	334 280	334,280 00	0.00	100 00%	334,280.00	
86	P&D Precast MH & Boxes (02605)	95,200	95 200.00	0 00	100 00%	95,200.00	
87	P&D Stainless Steel Pipe & Fittings (15066)	50 000	50 000.00	-	100 00%	50 000.00	
88	P&D RCP Pipe (02612)	1,107,943	1,105,729.00	$2,214.00	100.00%	1,107,943.00	
89	P&D Mobile Service Platform (14455)	4,225	0.00	4,225.00	100.00%	4,225 00	
90	P&D Uninterruptible Power Supply (13335 & 16235)	40 000	40 000.00	0 00	100 00%	40 000 00	
91	P&D Valves (02640 & 15100)	50 000	50,000.00	$0.00	100.00%	50,000.00	
92	P&D Instruments (13340)	406,240	318,224 00	88,016.00	100.00%	406,240 00	
93	P&D Second Stage Grit Removal Equip (11325) Hydro	595 000	459 328 20	135 671.80	100 00%	595 000.00	
94	P&D Submersible Sump Pumps (11303)	5 930	4,952 43	977.57	100.00%	5,930.00	
95	P&D Positive Displacement Blowers (11372)	71,000	71 000 00	0.00	100.00%	71 000.00	
96	P&D Roll Off Conveyor System (14300)	545 000	545,000.00	0.00	100.00%	545,000.00	
97	P&D Grit Screw Conveyors (14556)	467,000	462,983 00	4,017.00	100.00%	467,000.00	
98	P&D Powered Gate & Valve Actuators (15102)	150 000	7,722.16	142,277.84	100 00%	150,000.00	
99	P&D Fabricated Gates (11282)	463 175	321 989.95	141 185.05	100 00%	463 175.00	
100	P&D Grit Classifiers (11326) Huber	495,000	495,000.00	0.00	100.00%	495,000.00	
101	P&D Multi-Rake Bar Screens (11330) Huber	832,500	832,500.00	0.00	100.00%	832,500.00	
102	P&D Screening Washing & Compact Equip (11332) Huber	832,500	832 500 00	0.00	100.00%	832,500.00	
103	P&D Aluminum Covers (11244)	245 000	245,000 00	0 00	100.00%	245,000.00	
104	P&D Biofilter Odor Control (11258)	251,500	99,283.00	42 204.50	56.26%	141,487.50	
105	P&D Submersible Wastewater Pumps (11305)	431 524	405 429 41	26,094 59	100 00%	431,524.00	
106	P&D Horizontal Recessed Impeller Pumps (11314)	88 282	88,282 00	0 00	100 00%	88,282.00	
	Total Procurement & Delivery	9,530,865		674,379.88	98.39%		9,377,442.50
	Sitework						
107	Pothole Existing Utilities	48 777	48,777.00	0.00	100.00%	48 777.00	
108	Clear & Grub Site	6,555	6,555 00	0 00	100.00%	6,555 00	
109	Demo In Construction Area	69 483	66 022.73	0 00	95 00%	66 022.73	
110	Install Geo Piers at PTF Facility	255 645	255,645.00	0.00	100.00%	255,645.00	
111	Install Dewatering at PTF Facility	208,449	208 449 00	0.00	100 00%	208 449 00	
112	Install Dewatering Remaining Areas	488 479	486,493 15	0 00	98 00%	486,493.15	
113	Install Geo Piers Remaining Areas	255,645	255,645 00	0 00	100 00%	255 645 00	
114	Construct Retaining Wall at PTF Corner	69 876	69,876 00	0 00	100 00%	69 876 00	
115	Final Grading	249,811	0 00	124 905 50	50.00%	124 905.50	
116	Install Fencing	19,665	0.00	0.00	0.00%	0.00	
117	FRIP New Curbs	9 833	0.00	7 374.75	75 00%	7 374.75	
118	Paving	469,338	0.00	80 000.00	17.05%	80 000 00	
119	Install Bollards	6 555	0 00	3,277 50	50 00%	3,277 50	
120	Install Irrigation	32,775	0.00	0 00	0 00%	0 00	
121	Install Landscape	150,765	0.00	0.00	0.00%	0.00	
	Total Sitework	2,341,650		215,557.75	68.88%		1,613,020.63
	Yard Piping						
122	D/L/B 18" Drain from MH #14 to New MH	81 282	81,282.00	0.00	100 00%	81 282.00	
123	D/L/B 8" PW from Exist Connection to 3	39 330	39 330.00	0 00	100.00%	39,330.00	
124	D/L/B 2" PW from 3 to 14	5,244	5,244 00	0 00	100 00%	5 244 00	
125	D/L/B 2" PW from 14 to PTF	5,244	5,244 00	0 00	100.00%	5,244 00	
126	D/L/B 4"BHW from 32/33 to 34/35	13,110	13,110 00	0 00	100.00%	13 110 00	
127	D/L/B 1 1/2" WW to North Biofilter	5,244	5,244 00	0.00	100.00%	5,244 00	
128	D/L/B 4"BHW from 36/37 to 24/25	55,062	55,062 00	0 00	100.00%	55 062 00	
129	D/L/B 24" POTW from PTF to Blower Pad	26 220	26,220.00	0.00	100 00%	26,220.00	
130	D/L/B 6" Drain at North Biofilter	13 110	13,110 00	0.00	100.00%	13,110.00	
131	D/L/B 4" BHW from 24/25 to 22/23	10 488	10,488 00	0 00	100.00%	10,488.00	
132	D/L/B 4" BHW from 22/23 to 20/21	10,488	10,488 00	0 00	100.00%	10,488.00	
133	Construct New Culvert West of N Biofilter	39 330	39,330.00	0.00	100.00%	39,330.00	
134	D/L/B 84" PI from MH#1 to Division Box	26 220	26,220.00	0.00	100.00%	26 220.00	
135	D/L/B 84" PI from Division to Meter Box	26,220	26,220.00	0 00	100 00%	26,220.00	
136	D/L/B 10" SAS from Exist. MH to PTF	11,799	11,799 00	0.00	100.00%	11 799 00	
137	D/L/B 10" DR from MH to Cleanout	26 220	26 220 00	0.00	100.00%	26 220.00	
138	D/L/B 4" BHW from 20/21 to PTF	13,110	13,110 00	0.00	100.00%	13 110.00	
139	D/L/B 30" Odor from N. Biofilter to PTF	81 282	81 282 00	0 00	100 00%	81,282 00	
140	D/L/B 84" PI from Meter Box to PTF	52,440	52 440 00	0 00	100.00%	52 440.00	
141	D/L/B 4" WW from 42 to Lift Station 11A	13,110	13,110 00	0.00	100.00%	13,110.00	
142	D/L/B 84" PI Bypass from Meter Box to PTF	26,220	26 220.00	0.00	100.00%	26,220.00	
143	D/L/B 84" Interceptor from Grit to PTF	26 220	26 220.00	0.00	100.00%	26,220.00	
144	D/L/B 18" Odor from S. Biofilter to LS11A/Grit	23,598	23 598.00	0.00	100.00%	23,598.00	
145	D/L/B 18" Drain from New MH to Grit	20,976	20,976 00	0.00	100.00%	20 976.00	
146	D/L/B 10" Odor from 18" to Grit	26 220	26 220.00	0.00	100.00%	26 220.00	
147	D/L/B 1 1/2" WW to South Biofilter	7 866	7,866 00	0.00	100.00%	7,866 00	
148	D/L/B 6" Drain for S. Biofilter to Grit	15,732	15,732.00	0 00	100 00%	15,732 00	
149	D/L/B 8" WW From Existing Connection to 4"WW	45 885	45 885 00	0 00	100.00%	45 885 00	
150	D/L/B 4" WW to PTF	13,110	13,110 00	0.00	100.00%	13,110.00	
151	D/L/B 2 1/2" CWS from Connection to PTF	11 799	11,799.00	0.00	100.00%	11 799 00	
152	D/L/B 8" Drain from Annex to Hydrogen Peroxide Sys.	20 976	20 976 00	0.00	100 00%	20 976 00	
153	D/L/B 2 4" BHW from PTF to Annex	10 488	10,488.00	0 00	100 00%	10 488.00	
154	D/L/B 8" Drain from Annex to Exist Connection	48 507	48,507.00	0.00	100.00%	48 507.00	
155	D/L/B 1 1/2" CW from Annex to Exist. Connection	6 555	6 555 00	0.00	100.00%	6 555.00	
156	D/L/B 2 1 1/2" CW from PTF to Annex	5,244	5,244.00	0 00	100 00%	5 244 00	
157	D/L/B 2" HP Conduit from Hydrogen P Syst. to JB22	5 244	5 244.00	0 00	100 00%	5 244.00	
158	D/L/B 84" Interceptor from JB22 to Grit	52 440	52,440.00	0.00	100.00%	52 440.00	
159	D/L/B 3/4" PW Annex to Hydrogen Perox. Syst.	5,244	5,244.00	0.00	100.00%	5 244 00	
160	D/L/B 4" WW from 40 to Annex	10 488	10 488.00	0.00	100.00%	10,488.00	
161	D/LB 2" WW from 54 to Hydrant	5 244	5 244.00	0.00	100.00%	5 244.00	
162	D/L/B 4" BA from Grit to Annex	6 293	6 293 00	0.00	100.00%	6 293.00	
163	D/L/B 4" WW from PTF to Grit	7 866	7,866.00	0.00	100.00%	7,866.00	
164	D/L/B 84" Interceptor from JB 20 to JB 22	65,550	65 550.00	0 00	100 00%	65 550.00	
165	D/L/B 84" Interceptor from MH#8 to JB 20	52 440	52,440.00	0.00	100.00%	52 440 00	

166	D/L/B 2 30" Force Mains	22 549	22 549 00	0.00	100.00%	22 549.00	
167	D/L/B 4" PW South of Force Mains	9,177	9 177 00	0.00	100.00%	9,177.00	
168	D/L/B 72" Interceptor from L511A to JB71	91,770	64,239.00	27,531 00	100 00%	91,770 00	
169	Plug & Fill 60" RCP for Abandonment	12 848	0 00	12 848.00	100 00%	12 848.00	
170	Set Up Bypass Pumping for 30" Connections	131 100	0 00	131 100.00	100.00%	131 100.00	
171	Perform Tie-In of 30" Lines	19 665	0.00	13,765.50	70.00%	13,765 50	
	Total Yard Piping	1,361,867		185 244.50	0 00%		1,355,967 50
	Ductbanks						
172	Ductbank Group 1 (1 7)	19 665	19 665.00	0.00	100.00%	19 665.00	
173	Ductbank Group 2 (8,9 52 37)	294,975	294 975 00	0.00	100.00%	294 975 00	
174	Ductbank Group 3 (37,38)	78,660	78 660 00	0 00	100 00%	78,660 00	
175	Ductbank Group 4 (10,14)	19 665	19 665 00	0.00	100.00%	19 665.00	
176	Ductbank Group 5 (11,12)	31,464	31,464 00	0.00	100.00%	31,464 00	
177	Ductbank Group 6 (13,29,15,17)	19 665	18 288.75	1 376.25	100 00%	19 665.00	
178	Ductbank Group 7 (16 18)	31 464	31,464.00	0.00	100.00%	31 464 00	
179	Ductbank Group 8 (20,23)	19,665	19,665.00	0.00	100 00%	19 665 00	
180	Ductbank Group 9 (21,22)	98 325	98 325.00	0.00	100 00%	98 325.00	
181	Ductbank Group 10 (24	52 440	52 440 00	0 00	100 00%	52 440.00	
182	Ductbank Group 11 (25,26,44-48	39 330	39,330.00	0.00	100.00%	39,330.00	
183	Ductbank Group 12 (27,40,41)	106,191	106,191 00	0 00	100.00%	106 191 00	
184	Ductbank Group 13 (35,36)	19 665	19 665 00	0.00	100.00%	19,665.00	
185	Ductbank Group 14 (30-34)	31 464	31 464.00	0 00	100.00%	31,464 00	
186	Ductbank Group 15 (28)	19 665	18 289.05	1 375.95	100 00%	19 665.00	
187	Ductbank Group 16 (49 51)	47 196	47,196.00	0.00	100.00%	47,196.00	
188	Pull Wire & Connect DB Group 1 (1 7)	13,110	13,110 00	0 00	100 00%	13,110 00	
189	Pull Wire & Connect DB Group 2 (8 9 52 37)	208 449	204,280 00	0 00	98.00%	204,280 00	
190	Pull Wire & Connect DB Group 3 (37,38)	58 995	25 958.00	15,928.65	71.00%	41,886.65	
191	Pull Wire & Connect DB Group 4 (10,14)	13 110	2 622.00	10,488.00	100 00%	13 110 00	
192	Pull Wire & Connect DB Group 5 (11,12)	23 598	5 192 00	18 406 00	100 00%	23 598 00	
193	Pull Wire & Connect DB Group 6 (13,29,15,17)	13 110	3 933 00	2 622.00	50 00%	6 555.00	
194	Pull Wire & Connect DB Group 7 (16,18)	23 598	4,720 00	18 878 00	100.00%	23 598.00	
195	Pull Wire & Connect DB Group 8 (20 23)	13 110	7,866 00	0 00	60 00%	7 866.00	
196	Pull Wire & Connect DB Group 9 (21,22)	73,416	31 569 00	15 417 36	64 00%	46,986.36	
197	Pull Wire & Connect DB Group 10 (24)	39 330	27 531.00	11 799.00	100.00%	39,330.00	
198	Pull Wire & Connect DB Group 11 (25,26,44-48)	28,842	5 192.00	9 806.28	52 00%	14 998 28	
199	Pull Wire & Connect DB Group 12 (27 40,41)	78 660	78 660.00	0 00	100 00%	78 660.00	
200	Pull Wire & Connect DB Group 13 (35 36)	13,110	10,488 00	0.00	80.00%	10 488.00	
201	Pull Wire & Connect DB Group 14 (30-34)	23 598	10 384 00	4 719 60	64 00%	15 103 60	
202	Pull Wire & Connect DB Group 15 (28)	23 598	13,215 00	0 00	56.00%	13 215.00	
203	Pull Wire & Connect DB Group 16 (49-51)	35,397	19 823.00	15 574.00	100.00%	35 397.00	
	Total Ductbanks	1,612,530		126,391.09	0.00%		1,517,680 89
	Preliminary Treatment Facility						
204	Install Gates	62,928	62 928 00	0 00	100 00%	62 928 00	
205	Hydrotest PTF Facility	13,110	13 110 00	0.00	100.00%	13 110.00	
206	Dampproofing PTF to Grade	87,837	87,837.00	0.00	100 00%	87,837.00	
207	Backfill PTF to Grade	26,220	26,220.00	0 00	100 00%	26,220.00	
208	Install Bollards	6,555	0 00	6,555.00	100.00%	6,555.00	
209	Install Aluminum Covers	49 818	49 818 00	0 00	100 00%	49,818 00	
210	Install Access Hatches	1,311	1,311.00	0 00	100.00%	1 311 00	
	Total Preliminary Treatment Facility	247,779		6,555.00	100 00%		247,779 00
	PTF Grit Basins & Gallery						
211	Excavate PTF Facility	98,325	98,325 00	0.00	100 00%	98 325.00	
212	Fine Grade/Mud Slab PTF Facility	15 732	15,732 00	0.00	100.00%	15,732.00	
213	FRIP Slab at El. 4908.00	144,210	144,210.00	0.00	100.00%	144,210.00	
214	FRIP Level 1 Walls 1	209,760	209,760 00	0 00	100.00%	209,760.00	
215	FRIP Level 1 Walls 2	209,760	209,760.00	0.00	100.00%	209 760.00	
216	FRIP Level 1 Walls 3	209,760	209,760 00	0.00	100.00%	209,760.00	
217	FRIP Level 1 Walls 4	209,760	209,760.00	0.00	100.00%	209 760.00	
218	FRIP Level 1 Walls 5	209,760	209 760.00	0.00	100.00%	209 760.00	
219	FRIP Level 1 Walls 6	209,760	209,760.00	0 00	100.00%	209,760.00	
220	FRIP Level 1 Walls 7	209,760	209 760.00	0.00	100.00%	209 760.00	
221	Apply Dampproofing for Stair Landing BF	26 220	26 220 00	0.00	100.00%	26 220.00	
222	Apply Dampproofing South Side to El. 4917 17	56,373	56,373.00	0.00	100.00%	56 373.00	
223	Shore Deck & Beam 01 Pump Gallery El. 4920.17	32,513	32,513 00	0 00	100.00%	32 513.00	
224	Dryfinish & T-Lok Head Cell Chambers	4 064	4 064.00	0 00	100 00%	4 064.00	
225	Backfill South Side to El. 4917 17	26,220	26,220 00	0 00	100 00%	26 220.00	
226	Backfill Stair Landing	6,555	6 555.00	0 00	100.00%	6,555.00	
227	FRIP Grit Chute SOG	32 513	32 513.00	0.00	100.00%	32 513 00	
228	FRIP Deck & Beam 01 at El 4922.50 in Gallery	70,794	70,794.00	0 00	100.00%	70,794 00	
229	FRIP Stair Landing Slab at El. 4919.67	62,928	62,928 00	0.00	100.00%	62,928.00	
230	Install Tray Supports	9 833	9 833 00	0.00	100.00%	9 833.00	
231	FRIP Grit Chute Walls	32 513	32 513.00	0.00	100.00%	32 513.00	
232	Place Grout Fillet	4 589	4,589.00	0.00	100.00%	4,589.00	
233	FRIP Effluent Wall	104 880	104 880.00	0.00	100.00%	104 880.00	
234	FRIP Stair Well Walls	65 550	65,550 00	0 00	100.00%	65 550.00	
235	FRIP Grit Chute Fillets/Pilasters	39 330	39,330.00	0.00	100.00%	39 330.00	
236	Shore Deck & Beam 02 Above Pump Gallery	26 220	26 220.00	0.00	100.00%	26 220.00	
237	Dampproofing Remaining Level 1 Areas	56,373	56,373.00	0.00	100 00%	56 373.00	
238	Install Stairs, Handrailing, Gratings, Metals	23,598	23,598.00	0.00	100.00%	23,598.00	
239	Backfill Balance to Level 1	65 550	65,550.00	0.00	100.00%	65,550.00	
240	FRIP Deck & Beam 02 Above Pump Gallery	77 349	77,349 00	0.00	100.00%	77,349.00	
241	FRIP Equipment Pads in Grit Gallery	32,513	32,513.00	0.00	100.00%	32 513 00	
242	Strip/Cure Equipment Pads in Grit Gallery	13,110	13,110 00	0 00	100.00%	13,110.00	
243	Set Grit Pumps	9 177	9 177.00	0 00	100 00%	9 177.00	
244	Set Sump Pumps	4 589	4,130 00	458.50	100.00%	4 588.50	
245	Install Vortex Separators	18,616	18,616.00	0.00	100 00%	18 616.00	
246	Rough In Electrical Grit Basins & Gallery	26,220	23,597.60	1 311 00	94 998%	24 908 60	
247	Install Grit Pump Mechanical Piping	39,330	39,330.00	0.00	100 00%	39,330.00	

248	Paint Pipe	13,110	13,110.00	0.00	100.00%	13,110.00	
249	Pull & Terminate Electrical Grit Basins & Gallery	13,110	7,866.00	1,311.00	70.00%	9,177.00	
	Total PTF Grit Basins & Gallery	2,720,325		3,080.50	99.81%		2,715,082.10
	PTF Grit Influent Channel						
250	FRIP Grit Influent Channel SOG at El. 4924	45,885	45,885.00	0.00	100.00%	45,885.00	
251	FRIP Influent Channel Pony Wall	13,110	13,110.00	0.00	100.00%	13,110.00	
252	FRIP Grit Basin Interior Walls	104,880	104,880.00	0.00	100.00%	104,880.00	
253	FRIP Grit Basin Exterior Walls	104,880	104,880.00	0.00	100.00%	104,880.00	
254	Install Wall Spools	18,354	18,354.00	0.00	100.00%	18,354.00	
255	Dryfinish & T-Lok Grit Basin	23,598	23,598.00	0.00	100.00%	23,598.00	
256	FRIP Grit Influent Channel Decks	26,220	26,220.00	0.00	100.00%	26,220.00	
	Total PTF Grit Influent Channel	336,927		0.00	100.00%		336,927.00
	PTF Screening Room						
257	Finegrade/Mud Slab Screening Room	5,244	5,244.00	0.00	100.00%	5,244.00	
258	FRIP SOG 1 at El. 4927.17	52,440	52,440.00	0.00	100.00%	52,440.00	
259	FRIP SOG 2 at El. 4927.17	52,440	52,440.00	0.00	100.00%	52,440.00	
260	FRIP SOG 3 at El. 4927.17	52,440	52,440.00	0.00	100.00%	52,440.00	
261	FRIP Screen Room Walls 1	117,990	117,990.00	0.00	100.00%	117,990.00	
262	FRIP Screen Room Walls 2	117,990	117,990.00	0.00	100.00%	117,990.00	
263	FRIP Screen Room Walls 3	117,990	117,990.00	0.00	100.00%	117,990.00	
264	FRIP Screen Room Walls 4	117,990	117,990.00	0.00	100.00%	117,990.00	
265	FRIP Screen Room Walls 5	117,990	117,990.00	0.00	100.00%	117,990.00	
266	FRIP Screen Room Walls 6	117,990	117,990.00	0.00	100.00%	117,990.00	
267	FRIP Screen Room Walls 7	117,990	117,990.00	0.00	100.00%	117,990.00	
268	FRIP Screen Room Walls 8	117,990	117,990.00	0.00	100.00%	117,990.00	
269	FRIP Screen Room Walls 9	117,990	117,990.00	0.00	100.00%	117,990.00	
270	Shore Beams 03	32,775	32,775.00	0.00	100.00%	32,775.00	
271	FRIP Screen Room Decks	26,220	26,220.00	0.00	100.00%	26,220.00	
272	FRIP Beams 03	39,330	39,330.00	0.00	100.00%	39,330.00	
273	Masonry Lift 1	28,187	28,187.00	0.00	100.00%	28,187.00	
274	Masonry Lift 2	28,187	28,187.00	0.00	100.00%	28,187.00	
275	Masonry Lift 3	28,187	28,187.00	0.00	100.00%	28,187.00	
276	Masonry Lift 4	28,187	28,187.00	0.00	100.00%	28,187.00	
277	Install Overhead Coiling Doors Screening Room	26,220	20,976.00	0.00	80.00%	20,976.00	
278	Install Crane Beams	121,661	121,661.00	0.00	100.00%	121,661.00	
279	Install Doors in Screening Room	24,778	24,778.00	0.00	100.00%	24,778.00	
280	Install Bridge Crane	225,885	225,885.00	0.00	100.00%	225,885.00	
281	Install Windows in Screening Room	7,866	7,866.00	0.00	100.00%	7,866.00	
282	Install & Weld Double Tees	69,155	69,155.00	0.00	100.00%	69,155.00	
283	FRIP Screening Room Roof	19,665	19,665.00	0.00	100.00%	19,665.00	
284	Install Bar Screens	57,684	57,684.00	0.00	100.00%	57,684.00	
285	Rough In Electrical Screening Room	307,960	298,721.60	3,096.00	98.01%	301,817.60	
286	Install Bar Screen Mechanical Piping	58,995	56,045.25	2,949.75	100.00%	58,995.00	
287	Install Roofing System	36,315	36,315.00	0.00	100.00%	36,315.00	
288	Pull & Terminate Electrical Screening Room	146,832	73,416.00	29,366.40	70.00%	102,782.40	
	Total PTF Screening Room	2,538,561		35,412.15	97.82%		2,483,127.00
	PTF Grit/Screening Handling Building						
289	Install Underslab Drain Piping	371,013	371,013.00	0.00	100.00%	371,013.00	
290	Install Underslab Electrical	26,220	26,220.00	0.00	100.00%	26,220.00	
291	Finegrade/Mud Slab Handling Bldg	6,555	6,555.00	0.00	100.00%	6,555.00	
292	FRIP Handling Bldg SOG 1	39,330	39,330.00	0.00	100.00%	39,330.00	
293	FRIP Handling Bldg SOG 2	39,330	39,330.00	0.00	100.00%	39,330.00	
294	FRIP Handling Bldg SOG 3	39,330	39,330.00	0.00	100.00%	39,330.00	
295	FRIP Handling Bldg SOG 4	39,330	39,330.00	0.00	100.00%	39,330.00	
296	FRIP Handling Bldg SOG 5	39,330	39,330.00	0.00	100.00%	39,330.00	
297	FRIP Electrical Room Stem Wall	9,177	9,177.00	0.00	100.00%	9,177.00	
298	Masonry Handling Bldg Lift 1	28,187	28,187.00	0.00	100.00%	28,187.00	
299	Masonry Handling Bldg Lift 2	28,187	28,187.00	0.00	100.00%	28,187.00	
300	Masonry Handling Bldg Lift 3	28,187	28,187.00	0.00	100.00%	28,187.00	
301	Masonry Handling Bldg Lift 4	28,187	28,187.00	0.00	100.00%	28,187.00	
302	Install Beams & Mezz. Decking	52,440	52,440.00	0.00	100.00%	52,440.00	
303	Install Stairs & Handrailing in Handling Bldg	22,287	22,287.00	0.00	100.00%	22,287.00	
304	Install & Weld Double Tees Handling Blg	69,155	69,155.00	0.00	100.00%	69,155.00	
305	FRIP Mezz. Roof	6,555	6,555.00	0.00	100.00%	6,555.00	
306	Install Monorail in Handling Bldg	13,110	13,110.00	0.00	100.00%	13,110.00	
307	FRIP Handling Bldg Roof	6,555	6,555.00	0.00	100.00%	6,555.00	
308	Install New Grit Classifiers	13,110	13,110.00	0.00	100.00%	13,110.00	
309	Remove & Install Relocated Grit Classifier	6,293	0.00	0.00	0.00%	0.00	
310	Install Samplers	1,573	0.00	0.00	0.00%	0.00	
311	Install Screenings Washer/Compactor	9,701	9,701.00	0.00	100.00%	9,701.00	
312	Install Grit Screw Conveyor	17,699	17,699.00	0.00	100.00%	17,699.00	
313	Install Roll Off Converyor Tracks	5,900	5,900.00	0.00	100.00%	5,900.00	
314	Set HVAC Equipment	659,826	659,826.00	0.00	100.00%	659,826.00	
315	Set Electrical Equipment Handling Bldg	39,330	39,330.00	0.00	100.00%	39,330.00	
316	Install Handling Bldg Roofing System	36,315	34,499.25	0.00	95.00%	34,499.25	
317	Set Roll Off Bins	1,311	0.00	0.00	0.00%	0.00	
318	Install HVAC Duct Work	355,281	355,281.00	0.00	100.00%	355,281.00	
319	Install Windows in Handling Bldg	4,064	4,064.00	0.00	100.00%	4,064.00	
320	Install Translucent Panels	20,976	0.00	0.00	0.00%	0.00	
321	Install Doors in Handling Bldg	24,778	24,778.00	0.00	100.00%	24,778.00	
322	Rough In Electrical Handling Bldg	39,330	39,330.00	0.00	100.00%	39,330.00	
323	Install Grit Classifier Mechanical Piping	30,153	30,153.00	0.00	100.00%	30,153.00	
324	Install Overhead Coiling Doors Handling Bldg	27,531	22,024.80	0.00	80.00%	22,024.80	
325	Pull & Terminate Electrical Handling Bldg	19,665	7,866.00	3,933.00	60.00%	11,799.00	

	Total PTF Grit/Screening Handling Building	2,205,299		3,933.00	97.94%		2,159,960.05
	BioFilter - North						
326	D/L/B Header Piping to North Biofilter	6,555	6,555.00	0.00	100.00%	6,555.00	
327	D/L/B Drain Piping to North Biofilter	5,244	5,244.00	0.00	100.00%	5,244.00	
328	Exc/Grade Blower Pad	1,311	1,311.00	0.00	100.00%	1,311.00	
329	Set Humidification Vault	1,311	1,311.00	0.00	100.00%	1,311.00	
330	Backfill Vault	2,622	2,622.00	0.00	100.00%	2,622.00	
331	D/L/B Small Bore Lines at North Biofilter	6,555	6,555.00	0.00	100.00%	6,555.00	
332	FRIP Blower Pad	6,555	6,555.00	0.00	100.00%	6,555.00	
333	FRIP Equipment Pad	3,933	3,933.00	0.00	100.00%	3,933.00	
334	Exc/Grade North Biofilter	3,278	3,278.00	0.00	100.00%	3,278.00	
335	Set Blower Equipment	1,967	1,967.00	0.00	100.00%	1,967.00	
336	Install Liner	28,842	28,842.00	0.00	100.00%	28,842.00	
337	Install Stone Layer	2,622	2,622.00	0.00	100.00%	2,622.00	
338	Install FRP Piping	6,555	0.00	6,555.00	100.00%	6,555.00	
339	Install Drains, Slotted Laterals & Headers	5,244	5,244.00	0.00	100.00%	5,244.00	
340	Rough In Electrical	10,488	9,229.40	0.00	88.00%	9,229.40	
341	Install Soil Media	11,799	11,799.00	0.00	100.00%	11,799.00	
342	Install Top Gravel Layer	2,622	2,622.00	0.00	100.00%	2,622.00	
343	Pull & Terminate Electrical	5,244	0.00	0.00	0.00%	0.00	
	Total BioFilter - North	112,746		6,555.00	94.23%		106,244.40
	BioFilter - South						
344	D/L/B Header Piping to South Biofilter	6,555	6,555.00	0.00	100.00%	6,555.00	
345	D/L/B Drain Piping to South Biofilter	5,244	5,244.00	0.00	100.00%	5,244.00	
346	Exc/Grade Blower Pad	1,311	1,311.00	0.00	100.00%	1,311.00	
347	Set Humidification Vault	1,311	1,311.00	0.00	100.00%	1,311.00	
348	Backfill Vault	2,622	2,622.00	0.00	100.00%	2,622.00	
349	D/L/B Small Bore Lines at South Biofilter	6,555	6,555.00	0.00	100.00%	6,555.00	
350	FRIP Blower Pad	6,555	6,555.00	0.00	100.00%	6,555.00	
351	FRIP Equipment Pad	3,933	3,933.00	0.00	100.00%	3,933.00	
352	Exc/Grade South Biofilter	3,278	3,278.00	0.00	100.00%	3,278.00	
353	Set Blower Equipment	1,967	1,967.00	0.00	100.00%	1,967.00	
354	Install Liner	28,842	28,842.00	0.00	100.00%	28,842.00	
355	Install Stone Layer	2,622	2,622.00	0.00	100.00%	2,622.00	
356	Install FRP Piping	6,555	0.00	6,555.00	100.00%	6,555.00	
357	Install Drains, Slotted Laterals & Headers	5,244	5,244.00	0.00	100.00%	5,244.00	
358	Rough In Electrical	10,488	9,229.44	0.00	88.00%	9,229.44	
359	Install Soil Media	11,799	11,799.00	0.00	100.00%	11,799.00	
360	Install Top Gravel Layer	2,622	2,622.00	0.00	100.00%	2,622.00	
361	Pull & Terminate Electrical	5,244	0.00	0.00	0.00%	0.00	
	Total BioFilter-South	112,746		6,555.00	94.23%		106,244.44
	Lift Station 11A						
362	Excavate Lift Station 11A	56,373	56,373.00	0.00	100.00%	56,373.00	
363	Fine Grade/Mud Slab Lift Station 11A	7,866	7,866.00	0.00	100.00%	7,866.00	
364	FRIP Slab 1	22,418	22,418.00	0.00	100.00%	22,418.00	
365	FRIP Walls 1	55,586	55,586.00	0.00	100.00%	55,586.00	
366	FRIP Walls 2	55,586	55,586.00	0.00	100.00%	55,586.00	
367	Dryfinish Walls & T-Lok	4,064	4,064.00	0.00	100.00%	4,064.00	
368	Place Grout Fillets	4,982	4,982.00	0.00	100.00%	4,982.00	
369	Shore Suspended Slabs	26,220	26,220.00	0.00	100.00%	26,220.00	
370	FRIP Suspended Slab at El. 4930.50	14,421	14,421.00	0.00	100.00%	14,421.00	
371	FRIP Retaining Wall	26,220	26,220.00	0.00	100.00%	26,220.00	
372	T-Lok Suspended Slab	20,321	20,321.00	0.00	100.00%	20,321.00	
373	Remove Shoring	6,555	6,555.00	0.00	100.00%	6,555.00	
374	Hydrotest	3,278	3,278.00	0.00	100.00%	3,278.00	
375	Apply Dampproofing Lift Station 11A	79,316	79,316.00	0.00	100.00%	79,316.00	
376	Backfill Lift Station 11A	24,909	24,909.00	0.00	100.00%	24,909.00	
377	Install Gate	25,433	25,433.00	0.00	100.00%	25,433.00	
378	Set Pumps	6,555	6,555.00	0.00	100.00%	6,555.00	
379	Install Piping & Supports	10,488	10,488.00	0.00	100.00%	10,488.00	
380	Rough In Electrical	23,598	20,294.28	1,887.84	94.00%	22,182.12	
381	Install FRP Piping	7,866	0.00	7,866.00	100.00%	7,866.00	
382	Install Handrail and Metals	5,244	0.00	3,933.00	75.00%	3,933.00	
383	Pull & Terminate Electrical	11,799	0.00	10,147.14	86.00%	10,147.14	
	Total Lift Station 11A	499,098		23,833.98	99.12%		494,719.26
	PTF Annex						
384	Install Underslab Drains	200,583	200,583.00	0.00	100.00%	200,583.00	
385	Exc/Grade PTF Annex	5,637	5,637.00	0.00	100.00%	5,637.00	
386	FRIP Footings & Blower Pads	17,043	17,043.00	0.00	100.00%	17,043.00	
387	FRIP Foundation Slab	13,110	13,110.00	0.00	100.00%	13,110.00	
388	Construct Masonry Walls	121,661	121,661.00	0.00	100.00%	121,661.00	
389	FRIP Deck	3,933	3,933.00	0.00	100.00%	3,933.00	
390	Install Roofing System	39,068	39,068.00	0.00	100.00%	39,068.00	
391	Install Doors, Windows & Louvers	31,071	31,071.00	0.00	100.00%	31,071.00	
392	Install Trim, Gutters & Downspouts	10,488	0.00	0.00	0.00%	0.00	
393	Interior Painting	19,665	19,655.00	0.00	100.00%	19,655.00	
394	Set Electrical Equipment in Elec. Room	32,775	32,775.00	0.00	100.00%	32,775.00	
395	Set HVAC Equipment	353,970	353,970.00	0.00	100.00%	353,970.00	
396	Rough In Electrical	39,330	34,217.60	5,112.40	100.00%	39,330.00	
397	Set Blowers in Blower Room	6,555	6,555.00	0.00	100.00%	6,555.00	
398	Install HVAC Ducting	191,406	191,406.00	0.00	100.00%	191,406.00	
399	Install Piping in Blower Room	6,555	6,555.00	0.00	100.00%	6,555.00	
400	Paint Pipe	6,555	0.00	6,555.00	100.00%	6,555.00	
401	Install Signage	2,622	0.00	0.00	0.00%	0.00	
402	Pull & Terminate Wire	19,665	3,933.00	11,799.00	80.00%	15,732.00	
	Total PTF Annex	1,121,692		0.00	98.48%		1,104,639.00
				23,466.40			

	First Stage Grit						
403	Excavate First Stage Grit	56,373	56,373.00	0.00	100.00%	56,373.00	
404	Fine Grade/Mud Slab First Stage Grit Facility	7,866	7,866.00	0.00	100.00%	7,866.00	
405	FRIP Slab at El. 4918.47 & Sump	15,732	15,732.00	0.00	100.00%	15,732.00	
406	FRIP Walls 1	43,001	43,001.00	0.00	100.00%	43,001.00	
407	FRIP Walls 2	43,001	43,001.00	0.00	100.00%	43,001.00	
408	FRIP Walls 3	43,001	43,001.00	0.00	100.00%	43,001.00	
409	Dryfinish Walls & T-Lok	4,589	4,589.00	0.00	100.00%	4,589.00	
410	Place Grout Fillets	7,211	7,211.00	0.00	100.00%	7,211.00	
411	Install Gates	13,110	13,110.00	0.00	100.00%	13,110.00	
412	Hydrotest First Stage Grit	3,278	3,278.00	0.00	100.00%	3,278.00	
413	Apply Dampproofing First Stage Grit	79,316	79,316.00	0.00	100.00%	79,316.00	
414	Backfill First Stage Grit	24,909	24,909.00	0.00	100.00%	24,909.00	
415	FRIP Level 3 Slab to El. 4930.47	14,421	14,421.00	0.00	100.00%	14,421.00	
416	FRIP Dumpster Slab	2,622	2,622.00	0.00	100.00%	2,622.00	
417	FRIP Dumpster Walls	5,244	5,244.00	0.00	100.00%	5,244.00	
418	FRIP Dumpster Curbs	3,933	3,933.00	0.00	100.00%	3,933.00	
419	Shore Suspended Slab	13,110	13,110.00	0.00	100.00%	13,110.00	
420	FRIP Suspended Slab to El. 4937.80	22,287	22,287.00	0.00	100.00%	22,287.00	
421	Remove Shoring	1,311	1,311.00	0.00	100.00%	1,311.00	
422	Install Inclined Auger	15,732	15,732.00	0.00	100.00%	15,732.00	
423	Install Roll Off Conveyor	5,900	5,900.00	0.00	100.00%	5,900.00	
424	Install Mobile Service Platform	1,311	0.00	0.00	0.00%	0.00	
425	Install Diffusers	3,933	3,933.00	0.00	100.00%	3,933.00	
426	Install Handrail & Stairs	6,555	6,555.00	0.00	100.00%	6,555.00	
427	Install Door & Paint	2,622	2,622.00	0.00	100.00%	2,622.00	
428	Install Piping & Supports	15,732	15,732.00	0.00	100.00%	15,732.00	
429	Rough In Electrical	26,220	20,976.00	2,622.00	90.00%	23,598.00	
430	Install Grating and Metals	3,933	3,933.00	0.00	100.00%	3,933.00	
431	Pull & Terminate Electrical	13,110	2,622.00	5,244.00	60.00%	7,866.00	
432	Install Aluminum Cover	13,110	13,110.00	0.00	100.00%	13,110.00	
433	Set Rolling Dumpsters	1,311	0.00	1,311.00	100.00%	1,311.00	
	Total First Stage Grit	513,781		9,177.00	98.21%		504,607.00
	Manhole #1 Extension						
434	Install Shoring for MH #1 & 84" PI Line	5,244	5,244.00	0.00	100.00%	5,244.00	
435	Exc/Grade MH#1 Extension	10,488	10,488.00	0.00	100.00%	10,488.00	
436	FRIP MH Floor	2,622	2,622.00	0.00	100.00%	2,622.00	
437	FRIP MH Walls	28,580	28,580.00	0.00	100.00%	28,580.00	
438	Place Grout Fillet	3,933	3,933.00	0.00	100.00%	3,933.00	
439	Dryfinish Walls & T-Lok	4,195	4,195.00	0.00	100.00%	4,195.00	
440	Shore MH Roof	10,488	10,488.00	0.00	100.00%	10,488.00	
441	FRIP MH Roof	6,555	6,555.00	0.00	100.00%	6,555.00	
442	FRIP MH Access	3,933	3,933.00	0.00	100.00%	3,933.00	
443	Dryfinish & T-Lok Roof and Access	4,195	4,195.00	0.00	100.00%	4,195.00	
444	Remove Shoring	3,933	3,933.00	0.00	100.00%	3,933.00	
445	Hydrotest	2,622	2,622.00	0.00	100.00%	2,622.00	
446	Backfill MH#1	6,555	6,555.00	0.00	100.00%	6,555.00	
447	Coordinate Shutdown/By-Pass Pumping	26,220	13,110.00	13,110.00	100.00%	26,220.00	
448	Sawcut Opening to Existing MH	3,278	3,278.00	0.00	100.00%	3,278.00	
449	T-Lok Repair at Opening	1,311	1,311.00	0.00	100.00%	1,311.00	
	Total Manhole 1 Extension	124,152		13,110.00	100.00%		124,152.00
	Manhole #8						
450	Set Up ByPass Pumping	350,037	0.00	350,037.00	100.00%	350,037.00	
451	Excavate Manhole #8	3,933	0.00	3,933.00	100.00%	3,933.00	
452	Demo MH #8	6,555	0.00	6,555.00	100.00%	6,555.00	
453	Place Select Fill for MH #8	4,589	0.00	4,589.00	100.00%	4,589.00	
454	Tie-In/Connect 84" Interceptor	9,833	0.00	9,833.00	100.00%	9,833.00	
	Total Manhole #8	374,946		374,947.00	100.00%		374,947.00
	Primary Influent Diversion Box						
455	Excavate Primary Influent Diversion Box	4,720	4,720.00	0.00	100.00%	4,720.00	
456	Fine Grade/Mud Slab Primary Influent Diversion Box	2,622	2,622.00	0.00	100.00%	2,622.00	
457	FRIP Box Foundation Slab	6,555	6,555.00	0.00	100.00%	6,555.00	
458	FRIP Box Walls	35,135	35,135.00	0.00	100.00%	35,135.00	
459	Place Grout Fillet	6,555	6,555.00	0.00	100.00%	6,555.00	
460	Dryfinish Walls & T-Lok	4,195	4,195.00	0.00	100.00%	4,195.00	
461	Hydrotest	2,622	2,622.00	0.00	100.00%	2,622.00	
462	Dampproof & Backfill Primary Influent Diversion Box	22,549	22,549.00	0.00	100.00%	22,549.00	
463	Install Slide Gate	25,433	25,433.00	0.00	100.00%	25,433.00	
464	Install Grating	6,555	0.00	6,555.00	100.00%	6,555.00	
465	Rough In Electrical	7,866	6,528.78	0.00	83.00%	6,528.78	
466	Install Ladders & Handrail	3,933	0.00	3,933.00	100.00%	3,933.00	
467	Pull & Terminate Electrial	3,933	0.00	0.00	0.00%	0.00	
	Total Primary Influent Diversion Box	132,673		10,488.00	96.03%		127,402.78
	Primary Influent Meter Box						
468	Excavate Primary Influent Meter Box	4,589	4,589.00	0.00	100.00%	4,589.00	
469	Fine Grade/Mud Slab Influent Meter Box	2,622	2,622.00	0.00	100.00%	2,622.00	
470	FRIP Box Foundation Slab & Sump	6,555	6,555.00	0.00	100.00%	6,555.00	
471	Install Wall Spools	1,311	1,311.00	0.00	100.00%	1,311.00	
472	FRIP Box Walls	35,135	35,135.00	0.00	100.00%	35,135.00	
473	Coordinate Shutdown/By-Pass Pumping	98,325	49,162.50	24,581.25	75.00%	73,743.75	
474	Remove Mag Meter from Existing	6,555	6,555.00	0.00	100.00%	6,555.00	
475	Dampproof & Backfill Primary Influent Meter Box	22,549	22,549.00	0.00	100.00%	22,549.00	
476	FRIP Pipe Supports	3,933	0.00	3,933.00	100.00%	3,933.00	
477	Install 72" Steel Pipe & Mag Meter	13,110	13,110.00	0.00	100.00%	13,110.00	
478	Install Beams	5,244	0.00	5,244.00	100.00%	5,244.00	
479	Rough In Electrical	7,866	6,529.00	0.00	83.00%	6,529.00	
480	Install Ladders	2,622	0.00	2,622.00	100.00%	2,622.00	

481	Pull & Terminate Electrical	3,933	0.00	0.00	0.00%	0.00	
482	Painting & Coatings	13 110	13 110.00	0.00	100.00%	13,110.00	
	Total Primary Influent Meter Box	227,459		36,380.25	86.88%		197,607.75
	Junction Box 20						
483	Excavate Junction Box #20	15,732	15,732.00	0.00	100.00%	15 732.00	
484	Fine Grade/Mud Slab Junction Box #20	2 622	2,622.00	0 00	100.00%	2 622.00	
485	FRIP Slab at El. 4926.33	6 555	6 555 00	0.00	100.00%	6 555.00	
486	Install Wall Spools	2,622	2 622.00	0.00	100.00%	2 622.00	
487	FRIP Walls	35,135	35,135 00	0 00	100.00%	35,135.00	
488	Place Grout Fillet	3 933	3 933 00	0.00	100.00%	3 933 00	
489	Dryfinish Walls & T-Lok	13,110	13,110 00	0 00	100.00%	13,110.00	
490	Hydrotest	1 311	1,311 00	0.00	100.00%	1 311.00	
491	Shore Deck	9,833	9,833.00	0.00	100.00%	9,833.00	
492	FRIP JB Deck	6,555	6,555.00	0.00	100.00%	6,555.00	
493	Dryfinish & T-Lok Deck	4 326	4,326 00	0.00	100.00%	4 326.00	
494	Install MH Cover	2 622	2,622.00	0.00	100.00%	2,622.00	
	Total Junction Box 20	104,356		0.00	100.00%		104,356 00
	Junction Box 21						
495	Set Up Bypass Pumping	350,037	0.00	350 037.00	100 00%	350 037.00	
496	Excavate for JB #21	11 799	0.00	11 799 00	100 00%	11 799.00	
497	Set Precast JB #21	2,229	0 00	2 229.00	100 00%	2,229 00	
498	Install 72" Pipe Connections	6,555	0 00	6,555.00	100 00%	6 555 00	
499	Install Slide Gate	25,433	0 00	0.00	0.00%	0 00	
500	Install 18" Pipe & Grout	1,311	786.60	0.00	60.00%	786 60	
501	Backfill JB #21	3,278	0.00	0 00	0.00%	0.00	
502	Install Aluminum Cover	6,555	0 00	0.00	0.00%	0.00	
	Total Junction Box 21	407,197		370,620.00	91 21%		371,406.60
	Junction Box 22						
503	Excavate Junction Box #22	15,732.00	15,732.00	0.00	100.00%	15 732.00	
504	Fine Grade/Mud Slab Junction Box #22	1,311.00	1 311.00	0.00	100.00%	1 311.00	
505	FRIP Slab at El. 4926.25	9,832.50	9,832 50	0.00	100.00%	9 832.50	
506	Install Wall Spools	6,555.00	6 555.00	0.00	100.00%	6 555.00	
507	FRIP Walls	35,134.80	35,134 80	0.00	100.00%	35,134.80	
508	Place Grout Fillet	3,933 00	3,933.00	0 00	100.00%	3 933.00	
509	Dryfinish Walls & T-Lok	3,933.00	3 933.00	0.00	100.00%	3 933.00	
510	Hydrotest	1,311.00	1,311.00	0.00	100.00%	1,311.00	
511	Shore Deck	19,665.00	19,665 00	0.00	100.00%	19,665.00	
512	FRIP JB Deck	9 832.50	9 832.50	0.00	100.00%	9 832.50	
513	Dryfinish & T-Lok Deck	4,064 10	4,064.10	0.00	100.00%	4,064 10	
514	Dampproof & Backfill JB #22	22,549.20	22,549.20	0.00	100.00%	22,549 20	
	Total Junction Box 22	133,853.10		0.00	100 00%		133,853.10
	Base Project Total	28,265,000	24,748,479.50	2,125,686.50		26,874,166.00	

	Allowances						
515	Project Signs	1,000	0.00	0.00	0.00%	0.00	
516	ABB, Inc (See line item 546 for Credit)	652,285	652,285.00	0.00	100.00%	652,285.00	
517	Presidio	30,093	21,759.84	0.00	72.31%	21,759.84	
518	Sandia Lightwave	79,815	0.00	27,059.76	33.90%	27,059.76	
	Total Allowances	763,193	674,044.84	27,059.76		701,104.60	
							701,104.60
	Subtotal before taxes	29,028,193	25,422,524.34	2,152,746.26		27,575,270.60	
	Taxes						
519	NMGRT	1,759,834	1,541,240.39	130,510.24	94.99%	1,671,750.63	
	Total Taxes	1,759,834					1,671,750.63
	Original Contract Amount	30,788,027					
	Change Order #1						
520	CRX 1 8 inch wash line Expl/Relocation @ JB 20 CO#1	25,273	25,273.00	0.00	100.00%	25,273.00	
521	CRX 2 LS11A Protection Berm CO#1	2,078	2,078.00	0.00	100.00%	2,078.00	
522	CRX 5 Retrofit Waterstop requirements at PTF CO#1	11,971	11,971.00	0.00	100.00%	11,971.00	
523	CRX 8 Added P-Traps and Vent Lines in PTF CO#1	7,998	7,998.00	0.00	100.00%	7,998.00	
524	CRX 14 Add curb and 6 inch Equipment Drains CO#1	5,072	5,072.00	0.00	100.00%	5,072.00	
		52,392		0.00	100.00%		52,392.00
	Change Order #2						
525	CRX 3 Relocate Communication Ductbank at MH 1 CO#2	51,669	36,827.52	14,841.48	100.00%	51,669.00	
526	CRX 9 Relocate 3 existing light poles CO#2	19,696	4,939.20	14,756.80	100.00%	19,696.00	
527	CRX 10 Install T Lock at 1st stage and Zebron LS 11A CO#2	34,384	34,384.00	0.00	100.00%	34,384.00	
528	CRX 22 Install Additional Signal Indicators CO#2	24,574	24,574.00	0.00	100.00%	24,574.00	
529	CRX 27 Panic Hardware Door Electrical Room CO#2	3,272	3,272.00	0.00	100.00%	3,272.00	
530	CRX 28 Delete Waterproofing from Contract CO#2	-20,979	(20,979.00)	0.00	100.00%	(20,979.00)	
531	CRX 29 Additional Screw Conveyor Length CO#2	9,673	9,673.00	0.00	100.00%	9,673.00	
532	CRX 30 Install 5-30 amp disconnects for Fans CO#2	12,044	12,044.00	0.00	100.00%	12,044.00	
533	CRX 33 Condensor Water Pump Skid delete pump CO#2	-4,370	(4,370.00)	0.00	100.00%	(4,370.00)	
534	CRX 42 Install #5 bar at manhole Duct tie in CO#2	11,151	11,151.00	0.00	100.00%	11,151.00	
		141,114		29,598.28	100.00%		141,114.00
	Change Order #3						
	CRX 13 6 in Septic line location and reroute @MH1 and 84in line (T&M)						
535		42,645	42,645.00	0.00	100.00%	42,645.00	
536	CRX21 Site Security Modifications	60,113	13,825.99	16,230.51	50.00%	30,056.50	
	CRX 31 Ductbank relocation and added new MH(change						
537	from open to closed bottom boxes)	13,032	13,032.00	0.00	100.00%	13,032.00	
538	CRX35 JB 20 Bypass Extension	349,504	349,504.00	0.00	100.00%	349,504.00	
	CRX 40 Fiber Optic Patch Panel (Add duplex receptacles and						
539	ethernet cables)	3,783	3,783.00	0.00	100.00%	3,783.00	
540	CRX 41 Lifting Beams at PTF	15,343	7,671.50	0.00	50.00%	7,671.50	
541	CRX 44 Electrical Conduit Repair by Gas Line (T&M)	1,238	1,238.00	0.00	100.00%	1,238.00	
542	CRX 45 Existing Gas Line cut and Cap (T&M)	2,501	2,501.00	0.00	100.00%	2,501.00	
	CRX 46 Need front and rear access to PCU 18 and 28						
543	enclosures (No Cost Change)	0	0.00	0.00	0.00%	0.00	
	CRX 47 Electrical Conduit and cable Replacement (rotted						
	conduit) from the existing Fuel Tanks to Emergency Shut Off						
544	Station (T&M)	6,555	6,555.00	0.00	100.00%	6,555.00	
	CRX 50 Remove (Shorten) Existing Fuel Tanks to Emergency						
545	Shut Off Station (T&M)	4,813	4,813.00	0.00	100.00%	4,813.00	
546	CRX 51 ABB-Remove Scope Including CRX 39	-158,213	(158,213.00)	0.00	100.00%	(158,213.00)	
547	CRX 53 Revision to I 200-004R (Adding fiber-coax cable)	4,164	0.00	4,164.00	100.00%	4,164.00	
548	CRX 54 Upsize Blower Fans and modify FRP Duct	47,789	47,789.00	0.00	100.00%	47,789.00	
549	CRX 56 Credit for Duct Bank Hoop Spacing	-9,527	(9,527.00)	0.00	100.00%	(9,527.00)	
	CRX 61 Non-Compensable Seven Calendar Days Time						
550	Extension	0	0.00	0.00	0.00%	0.00	
551	CRX 62 Non-Compensable Six Calendar Days Time Extension	0	0.00	0.00	0.00%	0.00	
552	CRX 67 Install TPO Tapered Roof Insulsation onf PTF Roof	46,838	46,838.00	0.00	100.00%	46,838.00	
	CRX 68 Change from Galvanized pipe to Stainless Steel pipe						
553	for the Building Wash Water Pipe smaller than 4 inches	1,459	1,459.00	0.00	100.00%	1,459.00	
	CRX 70 Change From SCH 80 PVC Pipe to Galv Pipe for 2						
554	inch Sump Drain Pipe	2,747	2,747.00	0.00	100.00%	2,747.00	
555	CRX 43 Electrical MH Changes	61,323	61,323.00	0.00	100.00%	61,323.00	458,379.00
		496,107		20,394.51			
	Change Order #4						
556	CRX 999 Ozone System SJCWTP	1,235,790	1,235,790.00	0.00	100.00%	1,235,790.00	1,235,790.00
		1,235,790					
	Change Order #5						
557	CRX 6 Aggregate Pier Conflict	10,462	10,462.00	0.00	100.00%	10,462.00	
558	CRX 19 MH 1 Revisions	815,643	407,822.00	400,000.00	99.04%	807,822.00	
559	CRX 020 Raising Pig Catching Junction Box	14,571	7,285.50	7,285.50	100.00%	14,571.00	
560	CRX 32 MV MH 21 Relocation	15,553	5,444.00	10,109.00	100.00%	15,553.00	
561	CRX 37 Twin 30 inch FM Relocation out of JB 21	214,389	214,389.00	0.00	100.00%	214,389.00	
562	CRX 48 Cold Water Piping using DI	22,679	22,679.00	0.00	100.00%	22,679.00	
563	CRX 52 24 DVI Conduit Routing	452,126	217,020.00	235,106.00	100.00%	452,126.00	
	CRX 64 Change from black steel to galvanized pipe for						
564	heating	13,846	13,846.00	0.00	100.00%	13,846.00	
565	CRX 65 RCP to bell wall Connection	15,954	15,954.00	0.00	100.00%	15,954.00	
566	CRX 66 Duct Smoke Detector Relocation	16,778	16,778.00	0.00	100.00%	16,778.00	
567	CRX 69 4 inch and larger WW pipe PVC to DI	39,085	39,085.00	0.00	100.00%	39,085.00	
	CRX 77 Additional Horizontal bond beam CMU Wall Grit						
568	handling room	331	331.00	0.00	100.00%	331.00	1,623,596.00
		1,631,417		652,500.50			

Total Change Orders	3,556,820.00	2,808,777.71	702,493.29	98.72%	3,511,271.00	
Reconcile to payment from WUA		0.03	0.00		0.03	0.03
Project Total	34,344,847.02	29,772,542.47	2,985,749.79	95.38%	32,758,292.26	32,758,292.26

MIDWESTERN FABRICATORS INC.
Salt Lake City, UT 84104

Invoice

Date	Invoice #
5/22/2015	2898

Item 83

Bill To
PCL CONSTRUCTION, INC. 1711 WEST GREENTREE DRIVE, SUITE 201 TEMPE, AZ 85284

P.O. No.	Terms	Due Date	Project
51011009-OM	Net 30	6/21/2015	6398-Albuquerque-Duct & weirs

Quantity	Description	Unit Price	Amount
1	FRP Ductwork - 6398-B50	29,750.00	29,750.00
	Sales Tax	6.85%	0.00

If you have any questions concerning this invoice,
Contact Greg Triplett @ (801) 708-7254 ex 104 or greg@mwf-frp.com

MWF thanks you for your business!

Total $29,750.00

MIDWESTERN FABRICATORS INC.
Salt Lake City, UT 84104

MM

Invoice

Date	Invoice #
4/24/2015	2877

P 51011009 Item 83

RECEIVED
MAY - 1 2015

Bill To
PCL CONSTRUCTION, INC. 1711 WEST GREENTREE DRIVE, SUITE 201 TEMPE, AZ 85284

P.O. No.	Terms	Due Date	Project
51011009-OM	Net 30	5/24/2015	6398-Albuquerque-Duct & weirs

Quantity	Description	Unit Price	Amount
1	FRP Ductwork - 6398 B30 and B40	51,840.00	51,840.00
	Sales Tax	6.85%	0.00

If you have any questions concerning this invoice,
Contact Greg Triplett @ (801) 708-7254 ex 104 or greg@mwf-frp.com

MWF thanks you for your business!

Total $51,840.00

Item 89

SPEC TEN, etc., LLC
1586 North Rd.
East Fairfield, VT 05448
Ph:802-849-9222 Fax 802-849-9244

Invoice

Date	Invoice #
3/26/2015	75492

Bill To	Ship To
PCL Construction, Inc. 5100 San Francisco NE, Ste. B Albuquerque, NM 87109	jobsite - Southside Water Plt.

PO# 51011045

Qty	Lot	Description	Price Each	Amount
1	LOT	Mobile Service Platform	4,225.00	4,225.00

APPROVED
By
Object/Cost Code 600130
Date 3-25-15

Terms: NET 30 DAYS from invoice date

Total $4,225.00

NM

42204 50 total
to Item 104

Mechanical Products Southwest, Inc.
2620 E Rose Garden Ln, Ste 1
Phoenix, AZ 85050-4602
(602) 288-4920/Fax (602) 288-4921

Federal ID # 86-1043314

INVOICE

Invoice Date: 1/12/15
Due Date: 2/11/15
Invoice Number: 29415
PO Number: 5101 1025-OM

Item 104

P51011025

Bill To:

PCL CONSTRUCTION NEW MEXICO, INC.
5100 SAN FRANCISCO NE
SUITE B
ALBUQUERQUE, NM 87109

Jobsite/Ship To:

PCL CONSTRUCTION NEW MEXICO
SOUTHSIDE WRP
4201 2ND STREET SW
ALBUQUERQUE, NM 87105

Customer ID	Terms	Ship Via	Ship Date
PCL	Net 30 Days	BEST WAY	1/12/15

Quantity	Item ID	Description	Unit Price	Amount
1.00		FACTORY QUOTE NUMBER BO50337-I - COST TO CHANGE ONE FAN A41-9-222FA-33FGFC03 FROM A CW-TH TO CCW-TH, DESCRIPTION AND DEMENSIONS: REFERENCE ORDER # 1421052-01, REQUIRES NEW WHEEL AND NEW SCROLL.	1,968.00	1,968.00
1.00		FACTORY QUOTE NUMBER BO50338-I - COST TO CHANGE ONE FAN A41-9-273FA-33FGFCP3 FROM A CW-TH TO CCW-TH, REFERENCE ORDER # 1421052-02, REQUIRES NEW WHEEL & NEW SCROLL.	2,753.50	2,753.50

only $37,483 left open on contract
are we writing a revision?

Subtotal	4,721.50
Sales Tax	
Total Invoice Amount	4,721.50
Payment/Credit Applied	
TOTAL	4,721.50

Note: All materials purchased after 1/1/15 will be taxed. If excluding tax, please provide PROJECT-SPECIFIC tax exemption certificate prior to or at time of remitting payment (AZ Form 5000, 5005 or 5009L). "Blanket" 5000 forms will no longer be honored. Please e-mail to: brandim@mpswinc.com and reference invoice # above. Thank you.

NM13-007TA

NM

Mechanical Products Southwest, Inc.
2620 E Rose Garden Ln, Ste 1
Phoenix, AZ 85050-4602
(602) 288-4920/Fax (602) 288-4921

Federal ID # 86-1043314

INVOICE

Invoice Date: 1/12/15
Due Date: 2/11/15
Invoice Number: 29414
PO Number: 5101 1025-OM

P 5101 1025 Item 104

Bill To:

PCL CONSTRUCTION NEW MEXICO, INC.
5100 SAN FRANCISCO NE
SUITE B
ALBUQUERQUE, NM 87109

Jobsite/Ship To:

PCL CONSTRUCTION NEW MEXICO
SOUTHSIDE WRP
4201 2ND STREET SW
ALBUQUERQUE, NM 87105

Customer ID	Terms	Ship Via	Ship Date
PCL	Net 30 Days	BEST WAY	1/12/15

Quantity	Item ID	Description	Unit Price	Amount
1.00		HARTZELL 20HP A41-9-273FA-33FGFCF3 (QTY 2) TAG: F-1191, 1192 FINAL BILLING	37,483.00	37,483.00

Subtotal	37,483.00
Sales Tax	
Total Invoice Amount	37,483.00
Payment/Credit Applied	
TOTAL	37,483.00

Note: All materials purchased after 1/1/15 will be taxed. If excluding tax, please provide PROJECT-SPECIFIC tax exemption certificate prior to or at time of remitting payment (AZ Form 5000, 5005 or 5009L). "Blanket" 5000 forms will no longer be honored. Please e-mail to: brandim@mpswinc.com and reference invoice # above. Thank you.

NM13-007TA

Item 518

A Division of CTS

INVOICE

Invoice Number: 1105 - 1

For Period Ending: 5/31/2015

To: PCL Construction
5100 San Francisco NE
Suite B
Albuquerque NM 87109

Remit To: SANDIA LIGHTWAVE
P.O. Box 66888
ALBUQUERQUE, NM 87193

Project: PCL SWRP PTF-Annex
4200 2nd Street SW
Albuquerque NM 87105

CTS Project Number: 1105

PO / Contract Number: 51101-1618

Contract Summary	
Original Contract Amount:	79,814.99
Changes Amount:	6,791.41
Total Contract Amount:	86,606.40
Completed To Date:	27,059.76
Retainage To Date:	0.00
Completed Less Retainage:	27,059.76
Less Previous Application:	0.00
Current Payment Due:	27,059.76
Current Payment Due Plus Tax:	**27,059.76**
Balance To Finish:	59,546.64

Progress Billing for Labor and Materials through May 31, 2015.

SANDIA LIGHTWAVE Item 5.8

INVOICE DETAILS

Customer: PCL Construction
Project: PCL SWRP PTF-Annex

Invoice Number: 1105 - 1
For Period Ending: 5/31/2015

		Completed Work						
	Scheduled	Prev. App	This App.		Total			Retainage
Item Number - Description	Value	Value	Value	%	Value	%	Balance To	Value
01 - rough-in	29,176.63	0.00	9,628.29	33.00	9,628.29	33.00	19,548.34	0.00
05 - fiber	39,774.35	0.00	13,125.54	33.00	13,125.54	33.00	26,648.81	0.00
07 - testing	2,252.16	0.00	0.00	0.00	0.00	0.00	2,252.16	0.00
10 - project mngt	975.00	0.00	487.50	50.00	487.50	50.00	487.50	0.00
12 - misc	7,636.85	0.00	3,818.43	50.00	3,818.43	50.00	3,818.42	0.00
31 - CO1	6,791.41	0.00	0.00	0.00	0.00	0.00	6,791.41	0.00
TOTAL:	86,606.40	0.00	27,059.76	31.24	27,059.76	31.24	59,546.64	0.00

Attachment C

SWRP CIP Summary Report
FY15

updated through 05/31/2015

BASIC PROGRAM SUMMARY BY DECADE PLAN LINE NUMBER

Project Description	Decade Plan Line	FY 2015 Revenues Adjusted	OS FY 2015 Expenditures	Add Year End Accruals	Cash Basis Expenditures	Unspent FY 2015 Revenues
SOUTHSIDE WATER RECLAMATION PLANT RENEWAL						
Preliminary Treatment Facility Replacement	301	22,448,111	20,100,280	1,206,337	21,306,617	1,141,494
Dewatering Facility Replacement	302	5,107,996	1,207,867	8,500	1,216,367	3,891,629
Interim Blower Capacity Improvements	303	145,738	425,506	-	425,506	(279,768)
Existing Digester Rehabilitation Improvements	304	2,110,122	888,583	150,441	1,039,024	1,071,098
Primary Clarifier Improvements	305	1,745,886	148,474	18,386	166,860	1,579,026
Aeration Basin Rehabilitation	306	582,448	810,825	375,364	1,186,189	(603,741)
Secondary Sludge Thickening Improvements, DAF	307	446,565	341,146	30,229	371,375	75,190
Cogeneration Improvements	308	211,347	350,130	-	350,130	(138,783)
SWRP Renewal Contingency	309	4,059,972	643,383	16,781	660,164	3,399,808
ABB Service Contract	310	25,291	125,483	-	125,483	(100,192)
Plant Wide Electrical, Instrumentation and Control Improvements	311	775,570	342,782	87,792	430,574	344,996
Return Activated Sludge and Sludge Withdrawal Pumps Improvements	312	-	115,997	-	115,997	(115,997)
Plant Wide Non-Potable Water Improvements	313	-	-	-	-	-
Warehouse Facility Replacement	314	(9,124)	-	-	-	(9,124)
Maintenance Facility Replacement	315	-	-	-	-	-
Plant Landscaping	316	-	-	-	-	-
New Operations and Maintenance Facility	317	-	-	-	-	-
Storm Water Drainage Improvements	318	-	-	-	-	-
Sludge Drying Beds Demolition	319	-	-	-	-	-
Plant Equalization Basins	320	850,000	-	-	-	850,000
Primary Clarifier Capacity Improvements	321	-	-	-	-	-
Rehabilitation Asset Management Plan Report Update	322	200,000	-	-	-	200,000
Program Management Assistance	323	123,354	9,156	-	9,156	114,198
High Efficiency Blower Upgrades	324	500,000	-	-	-	500,000
New Digester Capacity	325	1,710,000	-	-	-	1,710,000
Digester Cleaning Program	326	600,000	-	-	-	600,000
Chemical Storage and Feed Systems Upgrade	327	500,000	6,797	-	6,797	493,203
Pre-Screens for UV disinfection facility	328	500,000	-	-	-	500,000
		42,633,276	25,516,409	1,893,830	27,410,239	15,223,037