Amendment No. 1 to the Standard Form of Agreement Between Owner and Design-Builder - Cost Plus Fee with an Option for a Guaranteed Maximum Price

This document has important legal consequences. Consultation with an attorney is recommended with respect to its completion or modification.

This Amendment No. 1 to the **AGREEMENT** between the Haskell Company, dated January 22, 2013 is made as of the _______ day of September in the year of 2013, by and between the following parties, for the Phase II services in connection with the Project described in the 60% Drawings and Specifications dated June 2013, and QA/QC Review Comments Log July 19, 2013.:

OWNER:
(Name and address)

City of Venice, FL
401 West Venice Avenue
Venice, Florida 34285

DESIGN-BUILDER:
(Name and address)

The Haskell Company
111 Riverside Avenue
Jacksonville, Florida 32202

PROJECT:
(Include Project name and location as it will appear in the Contract Documents)

Progressive Design-Build Services for the on Schedule Delivery of the City of Venice Water Treatment Plant Membrane Replacement and SCADA System Upgrades Project

Venice Reverse Osmosis Water Treatment Plant
200 North Warfield Avenue
Venice, Florida 34285

In consideration of the mutual covenants and obligations contained herein, Owner and Design-Builder agree to *Amendment No. 1 to the Standard Form of Agreement Between Owner and Design-Builder - Cost Plus Fee with an Option for a Guaranteed Maximum Price*, as set forth herein.

Delete Paragraph 5.2.1 in its entirety, and replace with:

5.2.1 Substantial Completion of the entire Work as set forth in Section 1.2.18 of the General Conditions shall be achieved no later than June 25, 2014 ("Scheduled Substantial Completion Date").

Delete Paragraph 5.2.2 in its entirety, and replace with:

5.2.2 Final Completion of entire Work shall be achieved no later than July 17, 2014 ("Scheduled Final Completion Date"). Final Completion is the date when all Work is complete pursuant to the definition of Final Completion set forth in Section 1.2.7 of the General Conditions of Contract."

Delete Paragraph 5.4 in its entirety, and replace with:

5.4 Liquidated Damages. Design-Builder understands that if Substantial Completion is not attained by the Scheduled Substantial Completion Date, Owner will suffer damages which are difficult to determine and accurately specify. Design-Builder agrees that if Substantial Completion is not attained by June 25, 2014, Design-Builder shall pay Owner One Thousand Five Hundred Dollars ($1,500.00) as liquidated damages for each day that Substantial Completion extends beyond June 25, 2014. The liquidated damages provided herein shall be in lieu of actual damages for any and all extra costs, losses, expenses, claims, and penalties, whether special or consequential, and of whatsoever nature incurred by Owner, which are occasioned by any delay in achieving Substantial Completion.

Delete Paragraph 6.1.1 in its entirety, and replace with:

6.1.1 Owner shall pay Design-Builder in accordance with Article 6 of the General Conditions of Contract a contract price ("Phase I Contract Price") Six Hundred Seventy Five Thousand Two Hundred Forty Three Dollars ($675,243.00). The costs for these services, as defined by the executed January 22, 2013 Agreement is specifically summarized and included in Division 0 of the Guaranteed Maximum Price Proposal (Exhibit A).

Delete Paragraphs 6.1.2, 6.1.2.1, 6.1.2.2, 6.1.2.3, 6.1.2.4 and 6.1.2.5 in their entirety

Delete Paragraph 6.6.1.1 in its entirety, and replace with:

6.6.1.1 Design-Builder guarantees that it shall not exceed the GMP of Six Million Seven Hundred Thousand One Hundred Eight Dollars ($6,700,108.00). Design-Builder does not guarantee any specific line item provided as part of the GMP, but agrees that it will be responsible for paying all costs of completing the Work which exceed the GMP, as adjusted in accordance with the Contract Documents. Documents used as a basis for the GMP shall be identified in Exhibit A to this Amendment.

6.6.1.2 The GMP includes a Contingency in the amount of One Hundred Sixty One Thousand Eight Hundred Sixty Six Dollars ($161,866.00), which is available upon Owner's approval, and shall not be unreasonably withheld for Design-Builder's exclusive use for costs that may be incurred in performing the Work that are not included in a specific line item or the basis for a Change Order under the Contract Documents. By way of example, and not as a limitation, such costs may include: (a) trade buy-out differentials; (b) overtime and (c) acceleration of Work. Design-Builder shall coordinate and receive written approval from the Owner for all anticipated charges against the Contingency. All unused contingency will go back to the Owner.

In executing this Amendment, Owner and Design-Builder each individually represents that it has the necessary financial resources to fulfill its obligations under this Agreement, and each has the necessary corporate approvals to execute this Agreement, and perform the services described herein.

CITY OF VENICE, FLORIDA:

____
Mayor

____
(Printed Name)

Date: __________________________

DESIGN-BUILDER:

The Haskell Company
(Name of Design-Builder)

____
(Signature)

Peter M. Kinsley
(Printed Name)

Vice President – Water
(Title)

Date: 9/13/13

Attest:

____
City Clerk

____
(Printed Name)

Date: __________________________

(CORPORATE SEAL)

(CITY SEAL)

Approved as to form:

By: ___________________________
(City Attorney)

EXHIBIT A

Guaranteed Maximum Proposal
(Cost Proposal and Schedule)

HASKELL
America's Design-Build Leader®

The Haskell Company
111 Riverside Avenue
Jacksonville, Florida 32202

tel 904 791-4500
fax 904 791-4699
www.thehaskellco.com

Paul McElroy, DBIA,
Director of Construction – Water Division

September 11, 2013

Re: **City of Venice - RO Membrane Replacement and SCADA System Upgrade Project Guaranteed Maximum Price**

Mr. Tim Hochuli, P.E.
Assistant Utility Director
City of Venice
200 N. Warfield Avenue
Venice, Florida 34285

Dear Mr. Hochuli:

Haskell is pleased to submit for your consideration, our Guaranteed Maximum Price (GMP) Proposal for the RO Membrane Replacement and SCADA System Upgrade Project. Provided below and enclosed herein, please find our Scope of Work, Clarifications and Guaranteed Maximum Price.

Scope of Work

Haskell's scope of work includes all labor, materials, tools, equipment, machinery, supervision and associated services required to finalize design and construct the RO Membrane Replacement and SCADA System Upgrade Project in accordance with the following:

- 60% Submittal Design Drawings dated July 2013
- 60% Contract Documents and Technical Specification dated July 25, 2013
- Addendum No. 1 dated August 2, 2013
- Addendum No. 2 dated August 7, 2013
- Addendum No. 3 dated August 8, 2013
- Sketch #1 dated August 8, 2013 – Revised Sanitary Sewer System
- Sketch #2 dated August 1, 2013 – Painting Finish Schedule
- September 11, 2013 Construction Schedule

The general scope of work includes the replacement of four (4) RO Membrane Systems, four (4) Vertical Turbine Feed Pumps, two (2) Variable Frequency Drives, four (4) Cartridge Filters, one (1) Clean-in-Place System, two (2) Sodium Hypochlorite Feed Systems, one (1) Polyphosphate Feed Pump, associated mechanical piping systems, and SCADA upgrade for the water treatment plant and well field distribution system. All associated demolition, civil, structural, architectural, mechanical, electrical, and instrumentation services have been included for a complete and operating system.

Clarifications

- The cost of 60% design development and preconstruction services, as defined by the executed January 22, 2013 Agreement is specifically summarized and included in this GMP Proposal.
- Final design and construction of the above stated project is anticipated to take eight and a half (8.5) months as illustrated in the attached Construction Schedule dated September 11, 2013 from Mobilization.
- Payment and performance bonds, general liability, automobile liability, builder's risk, and professional liability insurance are specifically included.
- Survey and layout required for performance of our scope of work is specifically included.
- Third-party material testing associated with performance of our scope of work is specifically included.
- Temporary utilities connection which includes power, telephone, data, and water connections are specifically included. Temporary utility usage for telephone and data are specifically included. Temporary utility usage of power and water is specifically excluded and will be provided by the City of Venice.

- Utility connection and associated impact fees are specifically excluded.
- Quality Control Manager is not a full-time, on-site position, but will develop the QA/QC Program and perform monthly on-site inspections to verify quality expectations are satisfied.
- Haskell excludes the removal and replacement of unsuitable soils.
- Haskell excludes any contaminated soil or groundwater remedial action, treatment, or disposal.
- Haskell excludes any concrete restoration in the Phase 2 Pipe Channel with exception of a one (1) square foot area located at the CIP drain piping discharge.
- Haskell has included furnishings for the Phase 1 and 2 Control Rooms based on Wright-Line manufacturers scope of work.
- Haskell proposal is based upon discharging start up flushing waters to the Storm Water Pond or the nearest Sanitary Sewer manhole. Any permit cost for this work activity will be reimbursed through the Permit Allowance.
- Haskell's proposal includes the cost to furnish and replace the 12" Raw Water Butterfly MOV-1207.
- Haskell's proposal is based upon using the second low apparent bidder for the Electrical Scope of Work. While reviewing the proposal with the low apparent bidder, the electrical subcontractor realized that they had errors within their proposal and subsequently issued a revised proposal. Their revised proposal remains over twenty (20) percent below the next competitive proposal indicating additional errors and omissions remain. Therefore, as stated above, Haskell's GMP is based upon using the second low apparent bidder for the Electrical Scope of Work as this is in the best interest of the City of Venice.
- Haskell specifically includes the substrate preparation and painting of the Phase 1 metal decking and bar joist ceiling.
- Haskell specifically includes the extended 2 year manufacturer's warranty on the Electrical and Instrumentation & Control Scope of Work.

Guaranteed Maximum Price

Haskell's Guaranteed Maximum Price Proposal for the RO Membrane Replacement and SCADA System Upgrade Project is **Six Million Seven Hundred Thousand One Hundred and Eight Dollars ($6,700,108.00).** This GMP shall remain valid for 90 days from the date of this letter.

The GMP includes an $85,000.00 allowance for Permitting, a $10,000.00 allowance for the Pipe Channel Slab on Grade Repair, and a 2.48% contingency valued at $161,866.00. All unused allowances and contingency will be credited to the Owner at the completion of the project.

Haskell thanks the City of Venice for this opportunity to serve your community by providing design-build services. We look forward to continuing to work in partnership with you for the successful delivery this very important project. Should you have any questions or require additional information, please contact me at (904) 357-4251.

Sincerely,

Paul McElroy, DBIA
Director of Construction – Water Division

Enclosures

HASKELL

SEPTEMBER 11, 2013

WATER TREATMENT PLANT RO MEMBRANE REPLACEMENT AND SCADA SYSTEM UPGRADE
CITY OF VENICE, FLORIDA
PROGRESSIVE DESIGN-BUILD GMP ESTIMATE

		TOTALS	Base Bid $/GAL	% OF TOTAL
DIVISION 00 - PHASE 1 PRECONSTRUCTION CONTRACT SUMMARY		$675,243	$0.17	10.08%
DIVISION 01 - GENERAL REQUIREMENTS		$256,800	$0.06	3.83%
DIVISION 02 - SITE CONSTRUCTION		$221,450	$0.06	3.31%
DIVISION 03 - CONCRETE		$39,442	$0.01	0.59%
DIVISION 04 - MASONRY		$0	$0.00	0.00%
DIVISION 05 - METALS		$14,694	$0.00	0.22%
DIVISION 06 - WOOD AND PLASTIC		$30,122	$0.01	0.45%
DIVISION 07 - THERMAL AND MOISTURE PROTECTION		$9,201	$0.00	0.14%
DIVISION 08 - DOORS AND WINDOWS		$11,943	$0.00	0.18%
DIVISION 09 - FINISHES		$246,492	$0.06	3.68%
DIVISION 10 - SPECIALTIES		$0	$0.00	0.00%
DIVISION 11 - PROCESS EQUIPMENT		$847,874	$0.21	12.65%
DIVISION 12 - FURNISHINGS		$33,843	$0.01	0.51%
DIVISION 13 - SPECIAL CONSTRUCTION / INSTRUMENTATION		$2,223,752	$0.56	33.19%
DIVISION 14 - CONVEYING SYSTEMS		$0	$0.00	0.00%
DIVISION 15 - MECHANICAL		$355,201	$0.09	5.30%
DIVISION 16 - ELECTRICAL		$514,780	$0.13	7.68%
TOTAL DIRECT COSTS		**$5,480,835**	**$1.37**	**81.80%**
GENERAL CONDITIONS		$452,743	$0.11	6.76%
SUBTOTAL		**$5,933,578**	**$1.48**	**88.56%**
P/P BONDS	1.03%	$61,177	$0.02	0.91%
GENERAL LIABILITY	1.36%	$80,697	$0.02	1.20%
BUILDERS RISK	0.11%	$6,634	$0.00	0.10%
SUBTOTAL		**$6,082,086**	**$1.52**	**90.78%**
CORPORATE OVERHEAD - 4% AND PROFIT ON COST OF WORK - 3.5%		$456,156	$0.11	6.81%
SUBTOTAL		**$6,538,242**	**$1.63**	**97.58%**
CONTINGENCY	2.48%	$161,866	$0.04	2.42%
TOTAL BASE BID		**$6,700,108**	**$1.68**	**100.00%**

ITEM	ALTERNATE PRICING	PROPOSED	ACCEPTED	REJECTED
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
	TOTAL INCLUDING ACCEPTED ALTERNATES		**$6,700,108**	

COMPANY: HASKELL
BID DATE: SEPTEMBER 11, 2013
TITLE: COST OF WORK

PROJECT: WTP MEMBRANE REPLACEMENT / SCADA UPGRADE
LOCATION: VENICE, FLORIDA
ESTIMATOR: PTM

			LABOR		MATERIAL		SUBCONTRACT			
QTY	U/M	DESCRIPTION	UNIT	TOTAL	UNIT	TOTAL	UNIT	TOTAL	TOTAL	REMARKS
		DIV 0 - PHASE 1 PRECONSTRUCTION CONTRACT SUMMARY								
1	LS	Haskell - Preconstruction Services	0.00	0	0.00	0	85,881.00	85,881	$85,881	Haskell
1	LS	McKim & Creed - Design & Analysis Services	0.00	0	0.00	0	311,100.00	311,100	$311,100	M&C
1	LS	City of Venice Allowance - Permitting	0.00	0	0.00	0	85,000.00	85,000	$85,000	Remains an Allowance
1	LS	City of Venice Allowance - ROEM Purchase Order Commitment	0.00	0	0.00	0	100,000.00	100,000	$100,000	Harn / Evans / Parker
1	LS	City of Venice Allowance - Contingency	0.00	0	0.00	0	0.00	0	$0	Not Required
1	LS	City of Venice Allowance - Task 6A	0.00	0	0.00	0	34,913.00	34,913	$34,913	Haskell / M&C
1	LS	City of Venice Allowance - Task 6B	0.00	0	0.00	0	7,998.00	7,998	$7,998	Haskell / M&C
1	LS	City of Venice Allowance - Task 6C	0.00	0	0.00	0	18,448.00	18,448	$18,448	Haskell / M&C
1	LS	City of Venice Allowance - Task 6D	0.00	0	0.00	0	10,308.00	10,308	$10,308	Haskell / M&C
1	LS	City of Venice Allowance - Task 6E	0.00	0	0.00	0	12,020.00	12,020	$12,020	Haskell / M&C
1	LS	City of Venice Allowance - Task 6F	0.00	0	0.00	0	0.00	0	$0	Not Required
1	LS	City of Venice Allowance - Task 6G	0.00	0	0.00	0	9,575.00	9,575	$9,575	Haskell / M&C
1	LS	City of Venice Allowance - Task 6H	0.00	0	0.00	0	0.00	0	$0	Not Required
1	LS	General Liability	0.00	0	0.00	0	0.00	0	$0	Not Required
		TOTAL PHASE 1							$675,243	
		DIV 1 - GENERAL REQUIREMENTS								
1	LS	Specification Section 01011 - RO Process Requirements	0.00	0	0.00	0	0.00	0	$0	Division Tab 13
1	LS	Specification Section 01045 - Cutting and Patching	0.00	0	0.00	0	0.00	0	$0	Division Tab 3
1	LS	Specification Section 01090 - Reference Standards	0.00	0	0.00	0	0.00	0	$0	
1	LS	Specification Section 01410 - Testing Laboratory Services	0.00	0	0.00	0	2,500.00	2,500	$2,500	Budget
1	LS	Specification Section 01660 - System Test, Adjust, Balance	0.00	0	0.00	0	3,000.00	3,000	$3,000	Budget
1	LS	Specification Section 01701 - Membrane System Performance	0.00	0	0.00	0	0.00	0	$0	Division Tab 13
1	LS	Specification Section 01720 - Project Record Documents	0.00	0	0.00	0	0.00	0	$0	In General Conditions
1	LS	Specification Section 01730 - Operation and Maintenance Data	0.00	0	0.00	0	0.00	0	$0	In General Conditions
1	LS	Task 7 -	0.00	0	0.00	0	0.00	0	$0	M&C
1	LS	Task 8 - Limited Construction Phase Services	0.00	0	0.00	0	191,130.00	191,130	$191,130	Division Tab 1
1	LS	Task 9 - Phase 2 Building Piping Replacement and WTP Flushing Lin	0.00	0	0.00	0	13,285.00	13,285	$13,285	Division Tab 1
1	LS	Task 10 - RO Flushing Line Replacement	0.00	0	0.00	0	33,285.00	33,285	$33,285	Division Tab 1
1	LS	Soil Borings	0.00	0	0.00	0	1,600.00	1,600	$1,600	Division Tab 1
1	LS	Sanitation Hauling / Project Cleaning	0.00	0	0.00	0	4,500.00	4,500	$4,500	Budget
1	LS	Protection	0.00	0	0.00	0	2,750.00	2,750	$2,750	Budget
1	LS	Facility Start-Up	0.00	0	0.00	0	1,500.00	1,500	$1,500	Budget
1	LS	Road Maintenance / Sweeping	0.00	0	0.00	0	1,500.00	1,500	$1,500	Budget
1	LS	Survey / Layout	0.00	0	0.00	0	1,750.00	1,750	$1,750	Budget
1	LS	1% Payment & Performance Bond / Subgaurd	0.00	0	0.00	0	0.00	0	$0	Not Required
		TOTAL DIVISION 1							$256,800	
		DIV 2 - SITE CONSTRUCTION								
1	LS	Specification Section 02090 - Flushing, Testing, Chlorination	0.00	0	0.00	0	0.00	0	$0	Division Tab 2
1	LS	Dewatering - Structures	0.00	0	0.00	0	0.00	0	$0	Not Required
1	LS	Dewatering - Process Piping / Equipment	0.00	0	0.00	0	3,500.00	3,500	$3,500	Budget
1	LS	Dewatering - Surface Stormwater	0.00	0	0.00	0	0.00	0	$0	Not Required
1	GAL	Dewatering - Diesel Fuel	0.00	0	0.00	0	0.00	0	$0	Not Required
1	LS	Demolition - Architectural (Roof)	0.00	0	0.00	0	0.00	0	$0	Division Tab 7
1	LS	Demolition - Structural (Concrete Slab / Pump Pads)	0.00	0	0.00	0	15,320.00	15,320	$15,320	Division Tab 2
1	LS	Demolition - Process Mechanical (RO Skids / Pumps / Piping)	0.00	0	0.00	0	56,458.00	56,458	$56,458	Division Tab 2
1	LS	Demolition - HVAC / Plumbing	0.00	0	0.00	0	0.00	0	$0	Not Required
1	LS	Demolition - Electrical	0.00	0	0.00	0	0.00	0	$0	Division Tab 16
1	LS	Earthwork	0.00	0	0.00	0	16,394.00	16,394	$16,394	Division Tab 2
1	LS	Erosion Control	0.00	0	0.00	0	0.00	0	$0	Division Tab 2
1	LS	Sanitary Sewer System	0.00	0	0.00	0	0.00	0	$0	Division Tab 2
1	LS	Pavements	0.00	0	0.00	0	0.00	0	$0	Division Tab 2
1	LS	Landscaping Refurbishment	0.00	0	0.00	0	0.00	0	$0	Division Tab 2
1	LS	Chain Link Fencing Removal Relocation	0.00	0	0.00	0	0.00	0	$0	Not Required
1	LS	Temporary By Passing of Process Flow	0.00	0	0.00	0	0.00	0	$0	Division Tab 2
1	LS	Underground Process Piping	0.00	0	0.00	0	87,070.23	87,070	$87,070	Division Tab 2
4	DYS	75 Ton Rough Terrain Crane, Operated	0.00	0	0.00	0	2,000.00	8,000	$8,000	Budget
2.0	MO	Lull	0.00	0	2,700.00	5,774	0.00	0	$5,774	Sunbelt
400	GAL	Diesel Fuel	0.00	0	0.00	0	4.00	1,600	$1,600	Budget
0	WK	Mechanical Foreman	0.00	0	0.00	0	0.00	0	$0	Not Required
0	WK	Crane Operator	0.00	0	0.00	0	0.00	0	$0	Not Required
0	LS	Mechanical Foreman Subsistence	0.00	0	0.00	0	0.00	0	$0	Not Required
0	LS	Crane Operator Subsistence	0.00	0	0.00	0	0.00	0	$0	Not Required
1	LS	Craftsmen Subsistence	0.00	0	0.00	0	22,584.00	22,584	$22,584	Haskell Estimate
3.75	MTH	Foreman / Operator / Craftsmen Field Travel	0.00	0	0.00	0	1,200.00	4,500	$4,500	Haskell Estimate
1	LS	1% Payment & Performance Bond / Subgaurd	0.00	0	0.00	0	250.00	250	$250	Calculation
		TOTAL DIVISION 2							$221,450	

COMPANY: HASKELL
BID DATE: SEPTEMBER 11, 2013
TITLE: COST OF WORK

PROJECT: WTP MEMBRANE REPLACEMENT / SCADA UPGRADE
LOCATION: VENICE, FLORIDA
ESTIMATOR: PTM

			LABOR		MATERIAL		SUBCONTRACT			
QTY	U/M	DESCRIPTION	UNIT	TOTAL	UNIT	TOTAL	UNIT	TOTAL	TOTAL	REMARKS
		DIV 3 - CONCRETE								
24	CYD	Specification Section 03300 - Cast in Place Concrete	0.00	0	0.00	0	799.83	19,196	$19,196	Division Tab 3
1	LS	Specification Section 03600 - Grout	0.00	0	0.00	0	0.00	0	$0	Division Tab 3
1	LS	Formwork	0.00	0	0.00	0	0.00	0	$0	Division Tab 3
1	LS	Reinforcing Steel	0.00	0	0.00	0	0.00	0	$0	Division Tab 3
1	LS	Place and Finish Concrete	0.00	0	0.00	0	0.00	0	$0	Division Tab 3
1	LS	Concrete Accessories	0.00	0	0.00	0	0.00	0	$0	Division Tab 3
2	DYS	Concrete Pump	0.00	0	0.00	0	600.00	1,200	$1,200	Budget
1	DYS	75 Ton Rough Terrain Crane, Operated	0.00	0	0.00	0	0.00	0	$0	Not Required
1	MO	Lull	0.00	0	2,700.00	2,912	0.00	0	$2,912	Sunbelt
1	MO	Lifts to Finish Concrete	0.00	0	0.00	0	0.00	0	$0	Not Required
200	GAL	Diesel Fuel	0.00	0	0.00	0	4.00	800	$800	Budget
0	WK	Concrete Foreman	0.00	0	0.00	0	0.00	0	$0	Not Required
0	WK	Crane Operator	0.00	0	0.00	0	0.00	0	$0	Not Required
0	LS	Concrete Foreman Subsistence	0.00	0	0.00	0	0.00	0	$0	Not Required
0	LS	Crane Operator Subsistence	0.00	0	0.00	0	0.00	0	$0	Not Required
1	LS	Craftsmen Subsistence	0.00	0	0.00	0	3,234.00	3,234	$3,234	Haskell Estimate
1.75	MTH	Foreman / Operator / Craftsmen Field Travel	0.00	0	0.00	0	1,200.00	2,100	$2,100	Haskell Estimate
1	LS	Pipe Channel Slab on Grade Repair	0.00	0	0.00	0	10,000.00	10,000	$10,000	Allowance
1	LS	1% Payment & Performance Bond / Subgaurd	0.00	0	0.00	0	0.00	0	$0	Not Required
		TOTAL DIVISION 3							**$39,442**	
		DIV 4 - MASONRY								
1	LS		0.00	0	0.00	0	0.00	0	$0	Not Required
1	LS	1% Payment & Performance Bond / Subgaurd	0.00	0	0.00	0	0.00	0	$0	Calculation
		TOTAL DIVISION 4							**$0**	
		DIV 5 - METALS								
1	LS	Specification Section 05500 - Miscellaneous Metals	0.00	0	3,069.00	3,303	4,331.00	4,331	$7,634	Division Tab 5
1	LS	Metal Joists	0.00	0	0.00	0	0.00	0	$0	Not Required
1	LS	Metal Decks	0.00	0	0.00	0	0.00	0	$0	Not Required
1	LS	Handrail	0.00	0	0.00	0	0.00	0	$0	Not Required
0	DYS	75 Ton Rough Terrain Crane, Operated	0.00	0	0.00	0	0.00	0	$0	Not Required
1	MO	Lull	0.00	0	2,700.00	2,912	0.00	0	$2,912	Sunbelt
200	GAL	Diesel Fuel	0.00	0	0.00	0	4.00	800	$800	Budget
0	WK	Metals Foreman	2,389.00	0	0.00	0	0.00	0	$0	Not Required
0	WK	Crane Operator	2,389.00	0	0.00	0	0.00	0	$0	Not Required
0	LS	Metals Foreman Subsistence	0.00	0	0.00	0	0.00	0	$0	Not Required
0	LS	Crane Operator Subsistence	0.00	0	0.00	0	0.00	0	$0	Not Required
1	LS	Craftsmen Subsistence	0.00	0	0.00	0	1,848.00	1,848	$1,848	Haskell Estimate
1	MTH	Foreman / Operator / Craftsmen Field Travel	0.00	0	0.00	0	1,500.00	1,500	$1,500	Haskell Estimate
1	LS	1% Payment & Performance Bond / Subgaurd	0.00	0	0.00	0	0.00	0	$0	Not Required
		TOTAL DIVISION 5							**$14,694**	
		DIV 6 - WOOD AND PLASTICS								
1	LS	Specification Section 06612 - Fiberglass Grating and Treads	0.00	0	23,133.52	24,522	3,100.00	3,100	$27,622	Division Tab 6
1	LS	Rough Carpentry	0.00	0	0.00	0	2,500.00	2,500	$2,500	Budget
1	LS	1% Payment & Performance Bond / Subgaurd	0.00	0	0.00	0	0.00	0	$0	Not Required
		TOTAL DIVISION 6							**$30,122**	
		DIV 7 - THERMAL AND MOISTURE PROTECTION								
1	LS	Roofing	0.00	0	0.00	0	7,610.00	7,610	$7,610	Division Tab 7
1	LS	Roofing Specialties (2 Hatchways)	0.00	0	0.00	0	0.00	0	$0	In Roofing
1	LS	Joint Sealer (Concrete CJ's)	0.00	0	0.00	0	1,500.00	1,500	$1,500	Budget
1	LS	1% Payment & Performance Bond / Subgaurd	0.00	0	0.00	0	91.10	91	$91	Calculation
		TOTAL DIVISION 7							**$9,201**	
		DIV 8 - DOORS AND WINDOWS								
1	LS	Specification Section 08331 - Phase 2 Overhead Coiling Doors	0.00	0	0.00	0	8,725.00	8,725	$8,725	Division Tab 8
1	LS	Specification Section 08331 - Modify Phase 1 Door Tracks	0.00	0	0.00	0	3,100.00	3,100	$3,100	Budget
1	LS	1% Payment & Performance Bond / Subgaurd	0.00	0	0.00	0	118.25	118	$118	Calculation
		TOTAL DIVISION 8							**$11,943**	
		DIV 9 - FINISHES								
1	LS	Specification Section 09900 - Paintings and Coatings	0.00	0	0.00	0	199,741.00	199,741	$199,741	Division Tab 9
1	LS	Paint Phase 1 RO Membrane Pump Room Metal Deck & Bar Joist	0.00	0	0.00	0	39,810.00	39,810	$39,810	Division Tab 9
1	LS	Specification Section 09905 - Piping and Equipment Identification	0.00	0	0.00	0	0.00	0	$0	Division Tab 9
1	LS	Drywall Repair (Phase 1 Control Room)	0.00	0	0.00	0	0.00	0	$0	Division Tab 9
1	LS	Soffit/Fire Wall (Phase 1 RO / Pump Room)	0.00	0	0.00	0	0.00	0	$0	Division Tab 9
1	LS	Acoustical Ceiling (Phase 1 and 2 Miscellaneous)	0.00	0	0.00	0	2,000.00	2,000	$2,000	Budget
1	LS	Ceramic Tile (Phase 1 Control Room)	0.00	0	0.00	0	2,500.00	2,500	$2,500	Budget
1	LS	Floor Coatings (Phase 1 and 2)	0.00	0	0.00	0	0.00	0	$0	Division Tab 9
1	LS	1% Payment & Performance Bond / Subgaurd	0.00	0	0.00	0	2,440.51	2,441	$2,441	Calculation
		TOTAL DIVISION 9							**$246,492**	

COMPANY: HASKELL
BID DATE: SEPTEMBER 11, 2013
TITLE: COST OF WORK

PROJECT: WTP MEMBRANE REPLACEMENT / SCADA UPGRADE
LOCATION: VENICE, FLORIDA
ESTIMATOR: PTM

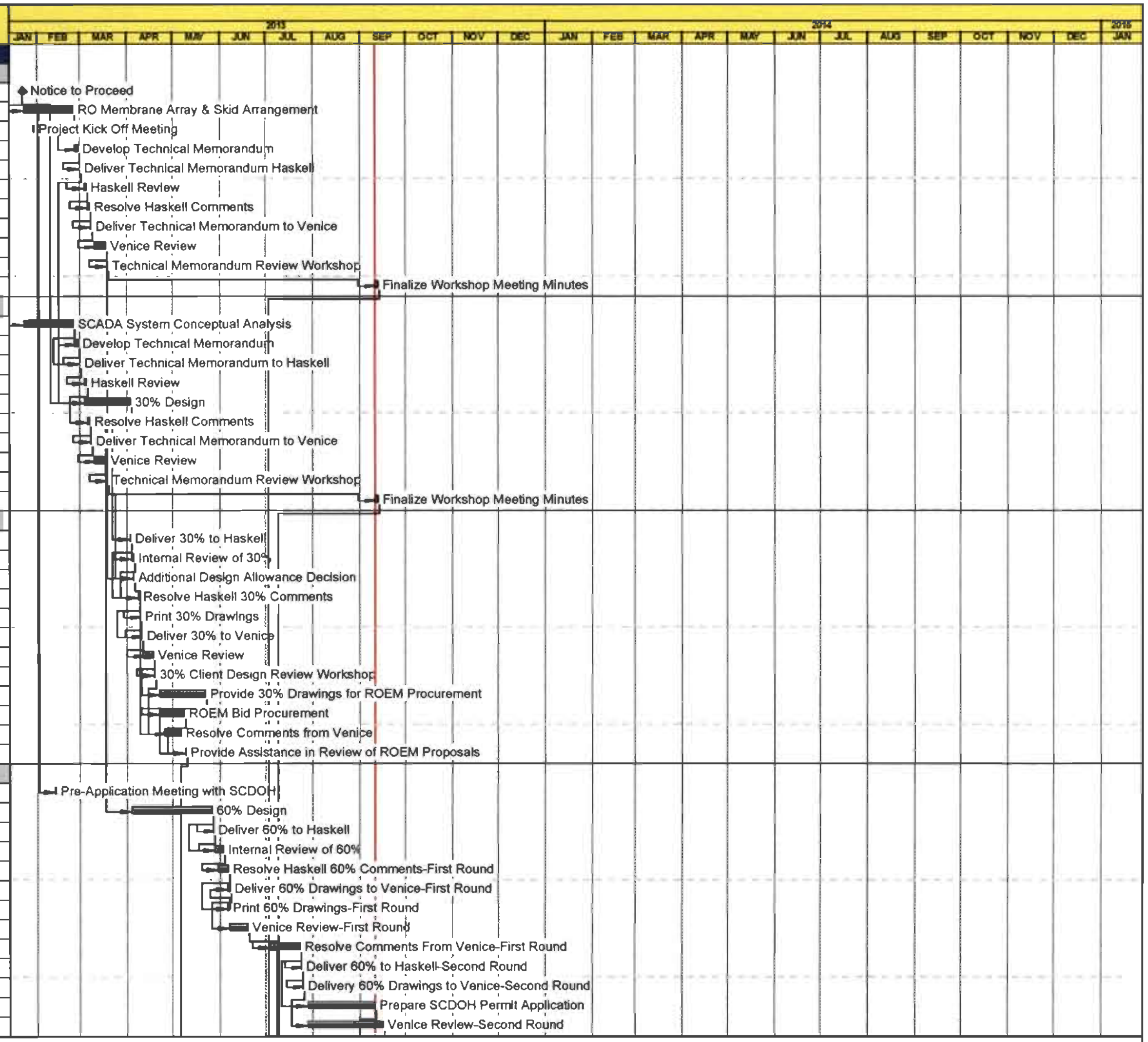
			LABOR		MATERIAL		SUBCONTRACT			
QTY	U/M	DESCRIPTION	UNIT	TOTAL	UNIT	TOTAL	UNIT	TOTAL	TOTAL	REMARKS
		DIV 10 - SPECIALTIES								
1	LS		0.00	0	0.00	0	0.00	0	$0	Not Required
1	LS	1% Payment & Performance Bond / Subgaurd	0.00	0	0.00	0	0.00	0	$0	Calculation
		TOTAL DIVISION 10							$0	
		DIV 11 - EQUIPMENT								
1	LS	Specification Section 11214 - Vertical Turbine Pump Cans	0.00	0	443,615.00	470,282	48,385.00	48,385	$518,667	Division Tab 11
1	LS	Maintain 22 Week Fabrication / Delivery Schedule	0.00	0	0.00	0	10,300.00	10,300	$10,300	Division Tab 11
1	LS	Specification Section 11235 - Sodium Hypochlorite Feed System	0.00	0	41,677.00	44,228	0.00	0	$44,228	Division Tab 11
1	LS	Specification Section 11240 - Cartridge Filters and Vessels	0.00	0	127,840.00	135,560	5,600.00	5,600	$141,160	Division Tab 11
1	LS	Change flange diameter on Phase 1 Filters	0.00	0	680.00	728	0.00	0	$728	Division Tab 11
1	LS	Preconstruction Contract - Purchase Order Commitment	0.00	0	0.00	0	-25,000.00	-25,000	-$25,000	Division Tab 11
1	LS	Polyphosphate System Phase 1	0.00	0	0.00	0	0.00	0	$0	Division Tab 11
1	LS	Vertical Pump Can Casing Installation	0.00	0	0.00	0	38,275.00	38,275	$38,275	Division Tab 11
1	LS	Process Equipment Installation	0.00	0	0.00	0	80,762.00	80,762	$80,762	Division Tab 11
3	DYS	75 Ton Rough Terrain Crane, Operated	0.00	0	0.00	0	2,000.00	6,000	$6,000	Budget
2	MO	Lull	0.00	0	2,700.00	5,774	0.00	0	$5,774	Sunbelt
400	GAL	Diesel Fuel	0.00	0	0.00	0	4.00	1,600	$1,600	Budget
0	WK	Mechanical Foreman	0.00	0	0.00	0	0.00	0	$0	Budget
0	WK	Crane Operator	0.00	0	0.00	0	0.00	0	$0	In 75 Ton RT, Operated
0	LS	Mechanical Foreman Subsistence	0.00	0	0.00	0	0.00	0	$0	Budget
0	LS	Crane Operator Subsistence	0.00	0	0.00	0	0.00	0	$0	In 75 Ton RT, Operated
1	LS	Craftsmen Subsistence	0.00	0	0.00	0	21,780.00	21,780	$21,780	Haskell Estimate
3	MTH	Foreman / Operator / Craftsmen Field Travel	0.00	0	0.00	0	1,200.00	3,600	$3,600	Haskell Estimate
1	LS	1% Payment & Performance Bond / Subgaurd	0.00	0	0.00	0	0.00	0	$0	Not Required
		TOTAL DIVISION 11							$847,874	
		DIV 12 - FURNISHINGS								
1	LS	Control Consoles	0.00	0	25,032.55	26,535	6,513.38	6,513	$33,048	Division Tab 12
1	LS	Chairs	0.00	0	750.00	795	0.00	0	$795	Division Tab 12
1	LS	1% Payment & Performance Bond / Subgaurd	0.00	0	0.00	0	0.00	0	$0	Not Required
		TOTAL DIVISION 12							$33,843	
		DIV 13 - SPECIAL CONSTRUCTION								
1	LS	Specification Section 13025 - Membrane System Equipment	0.00	0	1,157,160.00	1,226,640	45,640.00	45,640	$1,272,280	Division Tab 13
1	LS	COV Requested Design Changes	0.00	0	58,925.00	62,511	0.00	0	$62,511	Division Tab 13
1	LS	Preconstruction Contract - Purchase Order Commitment	0.00	0	0.00	0	-75,000.00	-75,000	-$75,000	Division Tab 13
1	LS	Specification Section 13120 - I&C, ROEM	0.00	0	0.00	0	0.00	0	$0	Division Tab 13
1	LS	Specification Section 13400 - I&C, General Requirements	0.00	0	0.00	0	939,708.00	939,708	$939,708	Division Tab 13
1	LS	Specification Section 13420 - I&C, Field Equipment	0.00	0	0.00	0	0.00	0	$0	Division Tab 13
1	LS	Instrumentation Schedule	0.00	0	0.00	0	0.00	0	$0	Division Tab 13
1	LS	Specification Section 13430 - I&C, Control Enclosures	0.00	0	0.00	0	0.00	0	$0	Division Tab 13
1	LS	Specification Section 13440 - I&C, SCADA Hardware	0.00	0	0.00	0	0.00	0	$0	Division Tab 13
1	LS	IO List	0.00	0	0.00	0	0.00	0	$0	Division Tab 13
1	LS	Specification Section 13450 - I&C, Wireless Communications	0.00	0	0.00	0	0.00	0	$0	Division Tab 13
1	LS	Specification Section 13460 - I&C, FO Cable and Communications	0.00	0	0.00	0	0.00	0	$0	Division Tab 13
1	LS	Specification Section 13470 - I&C, Functional Requirements	0.00	0	0.00	0	0.00	0	$0	Division Tab 13
1	LS	Extend I&C Warranty - Additional 2 years for a total of 3 years.	0.00	0	0.00	0	15,000.00	15,000	$15,000	Division Tab 13
1	LS	1% Payment & Performance Bond / Subgaurd	0.00	0	0.00	0	9,253.48	9,253	$9,253	Calculation
		TOTAL DIVISION 13							$2,223,752	
		DIV 14 - CONVEYING SYSTEMS								
1	LS		0.00	0	0.00	0	0.00	0	$0	Not Required
1	LS	1% Payment & Performance Bond / Subgaurd	0.00	0	0.00	0	0.00	0	$0	Calculation
		TOTAL DIVISION 14							$0	
		DIV 15 - MECHANICAL								
1	LS	Specification Section 15060 - Pipe and Pipe Fittings	0.00	0	0.00	0	323,803.00	323,803	$323,803	Division Tab 15
1	LS	Specification Section 15061 - Steel Pipe	0.00	0	0.00	0	0.00	0	$0	Division Tab 15
1	LS	Specification Section 15064 - Plastic Pipe	0.00	0	0.00	0	0.00	0	$0	Division Tab 15
1	LS	Specification Section 15100 - Valves and Appurtenances	0.00	0	0.00	0	0.00	0	$0	Division Tab 15
1	LS	Specification Section 15141 - Pipe Support Systems	0.00	0	0.00	0	0.00	0	$0	Division Tab 15
0	MO	75 Ton Rough Terrain Crane, Operated	0.00	0	0.00	0	0.00	0	$0	Not Required
2	MO	Lull	0.00	0	2,700.00	5,774	0.00	0	$5,774	Sunbelt
400	GAL	Diesel Fuel	0.00	0	0.00	0	3.75	1,500	$1,500	Budget
0	WK	Mechanical Foreman	0.00	0	0.00	0	0.00	0	$0	Not Required
0	WK	Crane Operator	0.00	0	0.00	0	0.00	0	$0	Not Required
0	LS	Mechanical Foreman Subsistence	0.00	0	0.00	0	0.00	0	$0	Not Required
0	LS	Crane Operator Subsistence	0.00	0	0.00	0	0.00	0	$0	Not Required
1	LS	Craftsmen Subsistence	0.00	0	0.00	0	21,874.00	21,874	$21,874	Haskell Estimate
1.5	MTH	Foreman / Operator / Craftsmen Field Travel	0.00	0	0.00	0	1,500.00	2,250	$2,250	Haskell Estimate
1	LS	1% Payment & Performance Bond / Subgaurd	0.00	0	0.00	0	0.00	0	$0	Not Required
		TOTAL DIVISION 15							$355,201	

COMPANY: HASKELL
BID DATE: SEPTEMBER 11, 2013
TITLE: COST OF WORK

PROJECT: WTP MEMBRANE REPLACEMENT / SCADA UPGRADE
LOCATION: VENICE, FLORIDA
ESTIMATOR: PTM

			LABOR		MATERIAL		SUBCONTRACT			
QTY	U/M	DESCRIPTION	UNIT	TOTAL	UNIT	TOTAL	UNIT	TOTAL	TOTAL	REMARKS
		DIV 16 - ELECTRICAL								
1	LS	Specification Section 16010 - Basic Electrical Requirements	0.00	0	0.00	0	504,683.00	504,683	$504,683	Division Tab 16
1	LS	Specification Section 16050 - Materials and Methods	0.00	0	0.00	0	0.00	0	$0	Division Tab 16
1	LS	Specification Section 16075 - Electrical Identification	0.00	0	0.00	0	0.00	0	$0	Division Tab 16
1	LS	Specification Section 16111 - Conduit and Raceways	0.00	0	0.00	0	0.00	0	$0	Division Tab 16
1	LS	Specification Section 16115 - Underground Conduit	0.00	0	0.00	0	0.00	0	$0	Division Tab 16
1	LS	Specification Section 16120 - Wire and Cable, 600V and below	0.00	0	0.00	0	0.00	0	$0	Division Tab 16
1	LS	Specification Section 16130 - Outlet, Pull, and Junction Boxes	0.00	0	0.00	0	0.00	0	$0	Division Tab 16
1	LS	Specification Section 16140 - Wiring Devices	0.00	0	0.00	0	0.00	0	$0	Division Tab 16
1	LS	Specification Section 16450 - Grounding and Bonding	0.00	0	0.00	0	0.00	0	$0	Division Tab 16
1	LS	Specification Section 16460 - Dry Type Transformers	0.00	0	0.00	0	0.00	0	$0	Division Tab 16
1	LS	Specification Section 16470 - Panelboards	0.00	0	0.00	0	0.00	0	$0	Division Tab 16
1	LS	Specification Section 16475 - Safety Disconnect Switches	0.00	0	0.00	0	0.00	0	$0	Division Tab 16
1	LS	Specification Section 16481 - Motor Control Centers	0.00	0	0.00	0	0.00	0	$0	Division Tab 16
1	LS	Specification Section 16483 - Variable Frequency Drives	0.00	0	0.00	0	0.00	0	$0	Division Tab 16
1	LS	Specification Section 16671 - Transient Voltage Surge Suppression	0.00	0	0.00	0	0.00	0	$0	Division Tab 16
1	LS	Specification Section 16960 - Electrical Testing Equipment	0.00	0	0.00	0	0.00	0	$0	Division Tab 16
1	LS	Extend Electrical Warranty - Additional 2 years for a total of 3 years.	0.00	0	0.00	0	5,000.00	5,000	$5,000	Division Tab 16
1	LS	1% Payment & Performance Bond / Subgaurd	0.00	0	0.00	0	5,096.83	5,097	$5,097	Calculation
		TOTAL DIVISION 16							$ 514,780	

Act ID	Description	Orig Dur	Rem Dur	%	Early Start	Early Finish
Design						
Task 1 ROEM Technical Memorandum						
P101030	Notice to Proceed	0	0	100	JAN 22 13 A	
P101040	RO Membrane Array & Skid Arrangement	25	0	100	JAN 23 13 A	FEB 25 13 A
P101035	Project Kick Off Meeting	1	0	100	JAN 30 13 A	JAN 30 13 A
P101050	Develop Technical Memorandum	3	0	100	FEB 26 13 A	FEB 28 13 A
P101080	Deliver Technical Memorandum Haskell	1	0	100	MAR 01 13 A	MAR 01 13 A
P101070	Haskell Review	2	0	100	MAR 04 13 A	MAR 05 13 A
P101090	Resolve Haskell Comments	2	0	100	MAR 06 13 A	MAR 07 13 A
P101230	Deliver Technical Memorandum to Venice	1	0	100	MAR 08 13 A	MAR 08 13 A
P101240	Venice Review	5	0	100	MAR 11 13 A	MAR 18 13 A
P101100	Technical Memorandum Review Workshop	1	0	100	MAR 19 13 A	MAR 19 13 A
P101110	Finalize Workshop Meeting Minutes	3	3	0	SEP 11 13	SEP 13 13
Task 2 SCADA Technical Memorandum						
P101130	SCADA System Conceptual Analysis	25	0	100	JAN 23 13 A	FEB 25 13 A
P101220	Develop Technical Memorandum	3	0	100	FEB 26 13 A	FEB 28 13 A
P101140	Deliver Technical Memorandum to Haskell	1	0	100	MAR 01 13 A	MAR 01 13 A
P101210	Haskell Review	2	0	100	MAR 04 13 A	MAR 05 13 A
P102480	30% Design	20	0	100	MAR 04 13 A	APR 03 13 A
P101150	Resolve Haskell Comments	2	0	100	MAR 06 13 A	MAR 07 13 A
P101160	Deliver Technical Memorandum to Venice	1	0	100	MAR 08 13 A	MAR 08 13 A
P101170	Venice Review	5	0	100	MAR 11 13 A	MAR 18 13 A
P101180	Technical Memorandum Review Workshop	1	0	100	MAR 19 13 A	MAR 19 13 A
P101190	Finalize Workshop Meeting Minutes	3	3	0	SEP 11 13	SEP 13 13
Task 3 Design - 30%						
P102470	Deliver 30% to Haskell	1	0	100	APR 03 13 A	APR 03 13 A
P102500	Internal Review of 30%	2	0	100	APR 04 13 A	APR 05 13 A
P102565	Additional Design Allowance Decision	1	0	100	APR 05 13 A	APR 05 13 A
P102510	Resolve Haskell 30% Comments	2	0	100	APR 08 13 A	APR 09 13 A
P102520	Print 30% Drawings	2	0	100	APR 10 13 A	APR 10 13 A
P102530	Deliver 30% to Venice	1	0	100	APR 11 13 A	APR 11 13 A
P102540	Venice Review	5	0	100	APR 12 13 A	APR 18 13 A
P102560	30% Client Design Review Workshop	1	0	100	APR 19 13 A	APR 19 13 A
P102630	Provide 30% Drawings for ROEM Procurement	1	0	100	APR 22 13 A	MAY 22 13 A
P102760	ROEM Bid Procurement	12	0	100	APR 22 13 A	MAY 09 13 A
P102620	Resolve Comments from Venice	5	0	100	APR 26 13 A	MAY 06 13 A
P102640	Provide Assistance in Review of ROEM Proposals	5	0	100	MAY 09 13 A	MAY 10 13 A
Task 4 Design - 60%						
P102680	Pre-Application Meeting with SCDOH	1	0	100	FEB 13 13 A	FEB 13 13 A
P102550	60% Design	37	0	100	APR 04 13 A	MAY 27 13 A
P102570	Deliver 60% to Haskell	2	0	100	MAY 28 13 A	MAY 28 13 A
P102580	Internal Review of 60%	3	0	100	MAY 29 13 A	JUN 03 13 A
P102750	Resolve Haskell 60% Comments-First Round	2	0	100	MAY 31 13 A	JUN 06 13 A
P102600	Deliver 60% Drawings to Venice-First Round	1	0	100	JUN 06 13 A	JUN 07 13 A
P102610	Print 60% Drawings-First Round	1	0	100	JUN 06 13 A	JUN 06 13 A
P102590	Venice Review-First Round	5	0	100	JUN 07 13 A	JUN 19 13 A
P102660	Resolve Comments From Venice-First Round	25	0	100	JUL 04 13 A	JUL 24 13 A
P102720	Deliver 60% to Haskell-Second Round	2	0	100	JUL 25 13 A	JUL 25 13 A
P102770	Delivery 60% Drawings to Venice-Second Round	1	0	100	JUL 26 13 A	JUL 26 13 A
P102670	Prepare SCDOH Permit Application	5	1	80	JUL 29 13 A	SEP 11 13
P102780	Venice Review-Second Round	5	4	30	JUL 29 13 A	SEP 16 13

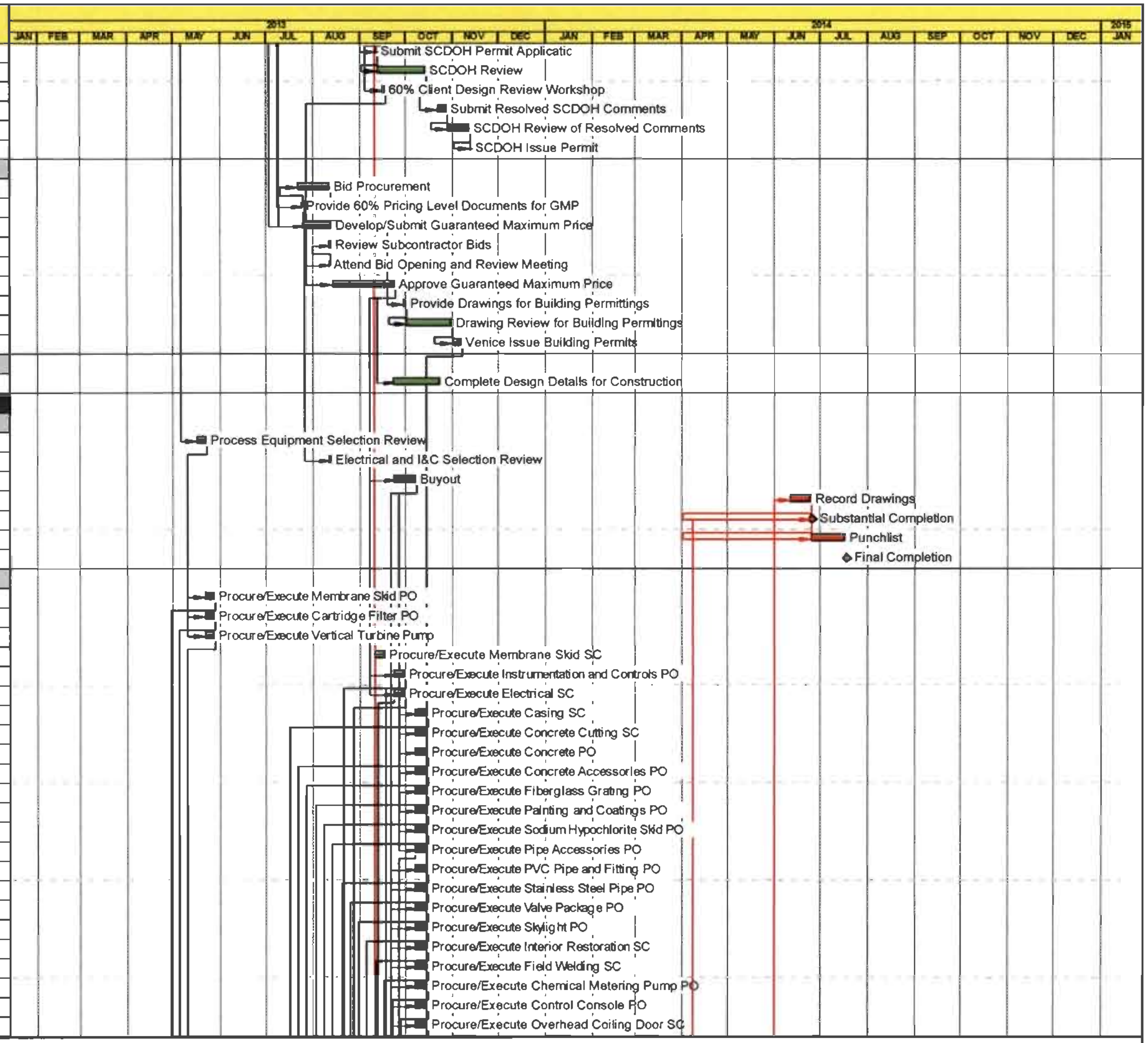


Start date	JAN 20 13
Finish date	JUL 17 14
Data date	SEP 11 13
Run date	SEP 11 13
Page number	1A

Haskell
Venice WTP
Membrane Replacement
Detailed Construction Schedule
September 11, 2013

Early bar
Progress bar
Critical bar
Summary bar
Progress point
Start milestone point
Finish milestone point

Act ID	Description	Orig Dur	Rem Dur	%	Early Start	Early Finish
P102690	Submit SCDOH Permit Application	1	1	0	SEP 12 13	SEP 12 13
P102700	SCDOH Review	22	22	0	SEP 13 13	OCT 14 13
P102650	60% Client Design Review Workshop	1	1	0	SEP 16 13	SEP 17 13
P102710	Submit Resolved SCDOH Comments	5	5	0	OCT 22 13	OCT 28 13
P102730	SCDOH Review of Resolved Comments	11	11	0	OCT 29 13	NOV 12 13
P102740	SCDOH Issue Permit	1	1	0	NOV 13 13	NOV 13 13
Task 5 Guaranteed Maximum Price						
P104060	Bid Procurement	15	0	100	JUL 22 13 A	AUG 12 13 A
P104050	Provide 60% Pricing Level Documents for GMP	1	0	100	JUL 25 13 A	JUL 25 13 A
P104180	Develop/Submit Guaranteed Maximum Price	3	0	100	JUL 26 13 A	AUG 13 13 A
P104010	Review Subcontractor Bids	1	0	100	AUG 12 13 A	AUG 13 13 A
P104040	Attend Bid Opening and Review Meeting	2	0	100	AUG 12 13 A	AUG 12 13 A
P104080	Approve Guaranteed Maximum Price	20	5	73	AUG 14 13 A	SEP 24 13
P104030	Provide Drawings for Building Permittings	2	2	0	SEP 30 13	OCT 01 13
P104070	Drawing Review for Building Permitings	22	22	0	OCT 02 13	OCT 31 13
P104090	Venice Issue Building Permits	5	5	0	NOV 01 13	NOV 07 13
Task 6 Design - 100%						
P104100	Complete Design Details for Construction	22	22	0	SEP 24 13	OCT 24 13
Construction						
Project Management						
P205610	Process Equipment Selection Review	2	0	100	MAY 17 13 A	MAY 22 13 A
P206500	Electrical and I&C Selection Review	1	0	100	AUG 12 13 A	AUG 13 13 A
P205770	Buyout	10	10	0	SEP 24 13	OCT 08 13
P205790	Record Drawings	10	10	0	JUN 12 14	JUN 25 14
P205740	Substantial Completion	0	0	0		JUN 25 14
P205750	Punchlist	15	15	0	JUN 26 14	JUL 17 14
P205680	Final Completion	0	0	0		JUL 17 14 *
Procurment of Vendors and Subs						
P205620	Procure/Execute Membrane Skid PO	5	0	100	MAY 22 13 A	MAY 28 13 A
P205690	Procure/Execute Cartridge Filter PO	5	0	100	MAY 22 13 A	MAY 28 13 A
P205800	Procure/Execute Vertical Turbine Pump	5	0	100	MAY 22 13 A	MAY 28 13 A
P205630	Procure/Execute Membrane Skid SC	5	5	0	SEP 11 13	SEP 17 13
P205880	Procure/Execute Instrumentation and Controls PO	4	4	0	SEP 24 13	SEP 30 13
P205930	Procure/Execute Electrical SC	4	4	0	SEP 24 13	SEP 30 13
P205810	Procure/Execute Casing SC	5	5	0	OCT 08 13	OCT 15 13
P205820	Procure/Execute Concrete Cutting SC	5	5	0	OCT 08 13	OCT 15 13
P205830	Procure/Execute Concrete PO	5	5	0	OCT 08 13	OCT 15 13
P205840	Procure/Execute Concrete Accessories PO	5	5	0	OCT 08 13	OCT 15 13
P205850	Procure/Execute Fiberglass Grating PO	5	5	0	OCT 08 13	OCT 15 13
P205860	Procure/Execute Painting and Coatings PO	5	5	0	OCT 08 13	OCT 15 13
P205870	Procure/Execute Sodium Hypochlorite Skid PO	5	5	0	OCT 08 13	OCT 15 13
P205890	Procure/Execute Pipe Accessories PO	5	5	0	OCT 08 13	OCT 15 13
P205900	Procure/Execute PVC Pipe and Fitting PO	5	5	0	OCT 08 13	OCT 15 13
P205910	Procure/Execute Stainless Steel Pipe PO	5	5	0	OCT 08 13	OCT 15 13
P205920	Procure/Execute Valve Package PO	5	5	0	OCT 08 13	OCT 15 13
P205940	Procure/Execute Skylight PO	5	5	0	OCT 08 13	OCT 15 13
P205950	Procure/Execute Interior Restoration SC	5	5	0	OCT 08 13	OCT 15 13
P205960	Procure/Execute Field Welding SC	5	5	0	OCT 08 13	OCT 15 13
P206190	Procure/Execute Chemical Metering Pump PO	5	5	0	OCT 08 13	OCT 15 13
P206540	Procure/Execute Control Console PO	5	5	0	OCT 08 13	OCT 15 13
P206550	Procure/Execute Overhead Coiling Door SC	5	5	0	OCT 08 13	OCT 15 13

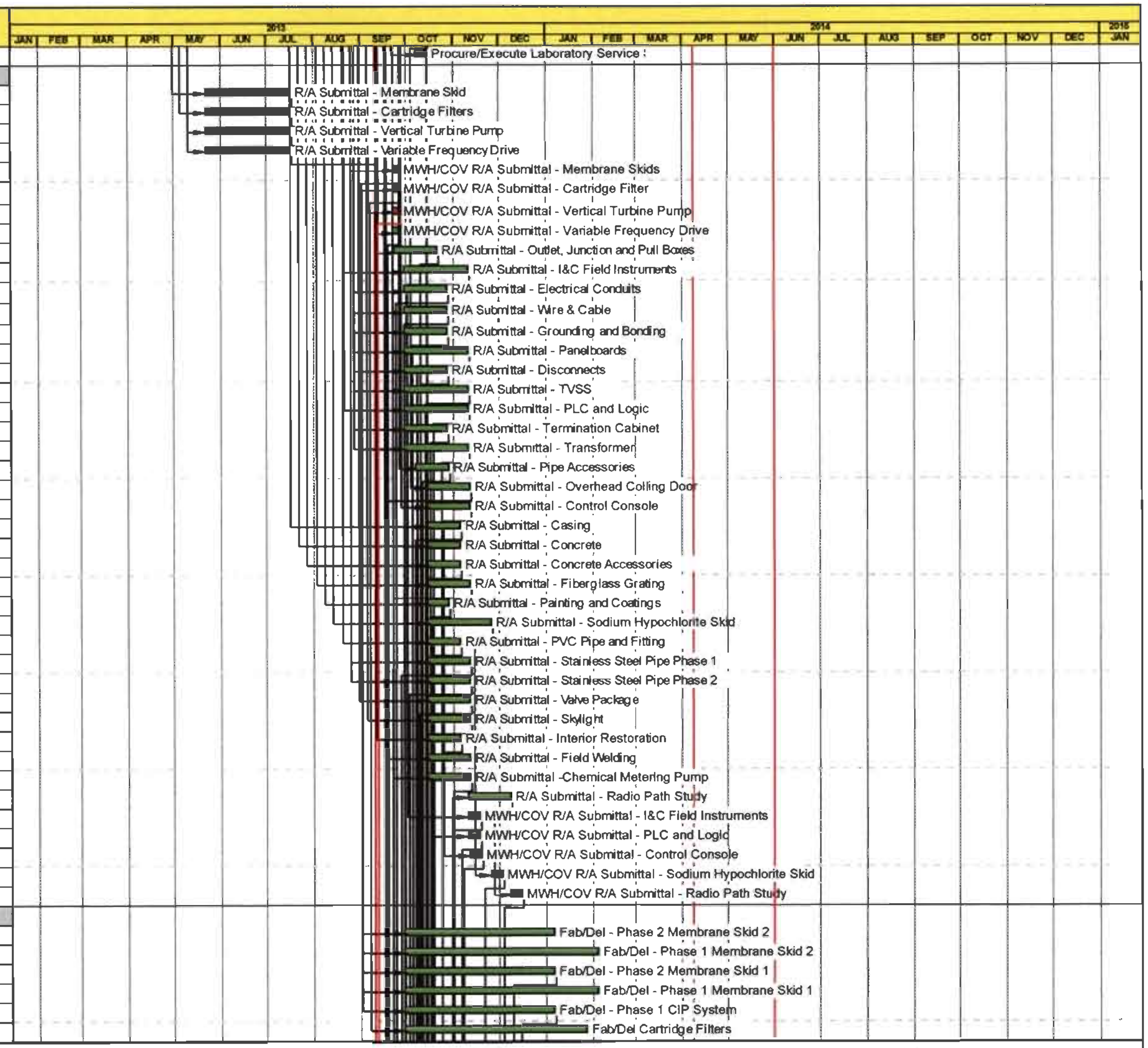


Start date	JAN 20 13
Finish date	JUL 17 14
Data date	SEP 11 13
Run date	SEP 11 13
Page number	2A

Haskell
Venice WTP
Membrane Replacement
Detailed Construction Schedule
September 11, 2013

Early bar
Progress bar
Critical bar
Summary bar
Progress point
Start milestone point
Finish milestone point

Act ID	Description	Orig Dur	Rem Dur	%	Early Start	Early Finish
P206560	Procure/Execute Laboratory Service SC	5	5	0	OCT 08 13	OCT 15 13
Submittals - Review and Approve						
P205710	R/A Submittal - Membrane Skid	40	0	100	MAY 22 13 A	JUL 17 13 A
P205970	R/A Submittal - Cartridge Filters	40	0	100	MAY 22 13 A	JUL 17 13 A
P205980	R/A Submittal - Vertical Turbine Pump	40	0	100	MAY 22 13 A	JUL 17 13 A
P205990	R/A Submittal - Variable Frequency Drive	40	0	100	MAY 22 13 A	JUL 17 13 A
P206630	MWH/COV R/A Submittal - Membrane Skids	5	5	0	SEP 23 13	SEP 27 13
P206640	MWH/COV R/A Submittal - Cartridge Filter	5	5	0	SEP 23 13	SEP 27 13
P206650	MWH/COV R/A Submittal - Vertical Turbine Pump	5	5	0	SEP 23 13	SEP 27 13
P206660	MWH/COV R/A Submittal - Variable Frequency Drive	5	5	0	SEP 23 13	SEP 27 13
P206140	R/A Submittal - Outlet, Junction and Pull Boxes	20	20	0	SEP 24 13	OCT 22 13
P206060	R/A Submittal - I&C Field Instruments	30	30	0	SEP 30 13	NOV 11 13
P206120	R/A Submittal - Electrical Conduits	20	20	0	SEP 30 13	OCT 28 13
P206130	R/A Submittal - Wire & Cable	20	20	0	SEP 30 13	OCT 28 13
P206150	R/A Submittal - Grounding and Bonding	20	20	0	SEP 30 13	OCT 28 13
P206160	R/A Submittal - Panelboards	30	30	0	SEP 30 13	NOV 11 13
P206170	R/A Submittal - Disconnects	20	20	0	SEP 30 13	OCT 28 13
P206180	R/A Submittal - TVSS	30	30	0	SEP 30 13	NOV 11 13
P206470	R/A Submittal - PLC and Logic	30	30	0	SEP 30 13	NOV 11 13
P206600	R/A Submittal - Termination Cabinet	20	20	0	SEP 30 13	OCT 28 13
P206610	R/A Submittal - Transformer	30	30	0	SEP 30 13	NOV 11 13
P206070	R/A Submittal - Pipe Accessories	15	15	0	OCT 08 13	OCT 29 13
P205720	R/A Submittal - Overhead Colling Door	20	20	0	OCT 15 13	NOV 12 13
P205780	R/A Submittal - Control Console	20	20	0	OCT 15 13	NOV 12 13
P206000	R/A Submittal - Casing	15	15	0	OCT 15 13	NOV 05 13
P206010	R/A Submittal - Concrete	15	15	0	OCT 15 13	NOV 05 13
P206020	R/A Submittal - Concrete Accessories	15	15	0	OCT 15 13	NOV 05 13
P206030	R/A Submittal - Fiberglass Grating	20	20	0	OCT 15 13	NOV 12 13
P206040	R/A Submittal - Painting and Coatings	10	10	0	OCT 15 13	OCT 29 13
P206050	R/A Submittal - Sodium Hypochlorite Skid	30	30	0	OCT 15 13	NOV 26 13
P206080	R/A Submittal - PVC Pipe and Fitting	15	15	0	OCT 15 13	NOV 05 13
P206090	R/A Submittal - Stainless Steel Pipe Phase 1	20	20	0	OCT 15 13	NOV 12 13
P206100	R/A Submittal - Stainless Steel Pipe Phase 2	20	20	0	OCT 15 13	NOV 12 13
P206110	R/A Submittal - Valve Package	20	20	0	OCT 15 13	NOV 12 13
P206200	R/A Submittal - Skylight	20	20	0	OCT 15 13	NOV 12 13
P206210	R/A Submittal - Interior Restoration	15	15	0	OCT 15 13	NOV 05 13
P206220	R/A Submittal - Field Welding	20	20	0	OCT 15 13	NOV 12 13
P206570	R/A Submittal -Chemical Metering Pump	20	20	0	OCT 15 13	NOV 12 13
P206520	R/A Submittal - Radio Path Study	20	20	0	NOV 11 13	DEC 09 13
P206670	MWH/COV R/A Submittal - I&C Field Instruments	5	5	0	NOV 11 13	NOV 18 13
P206680	MWH/COV R/A Submittal - PLC and Logic	5	5	0	NOV 11 13	NOV 18 13
P206690	MWH/COV R/A Submittal - Control Console	5	5	0	NOV 12 13	NOV 19 13
P206700	MWH/COV R/A Submittal - Sodium Hypochlorite Skid	5	5	0	NOV 26 13	DEC 03 13
P206710	MWH/COV R/A Submittal - Radio Path Study	5	5	0	DEC 09 13	DEC 16 13
Fabrication and Delivery						
P205520	Fab/Del - Phase 2 Membrane Skid 2	70	70	0	SEP 30 13	JAN 07 14
P205650	Fab/Del - Phase 1 Membrane Skid 2	90	90	0	SEP 30 13	FEB 04 14
P205700	Fab/Del - Phase 2 Membrane Skid 1	70	70	0	SEP 30 13	JAN 07 14
P205730	Fab/Del - Phase 1 Membrane Skid 1	90	90	0	SEP 30 13	FEB 04 14
P205760	Fab/Del - Phase 1 CIP System	70	70	0	SEP 30 13	JAN 07 14
P206250	Fab/Del Cartridge Filters	85	85	0	SEP 30 13	JAN 28 14

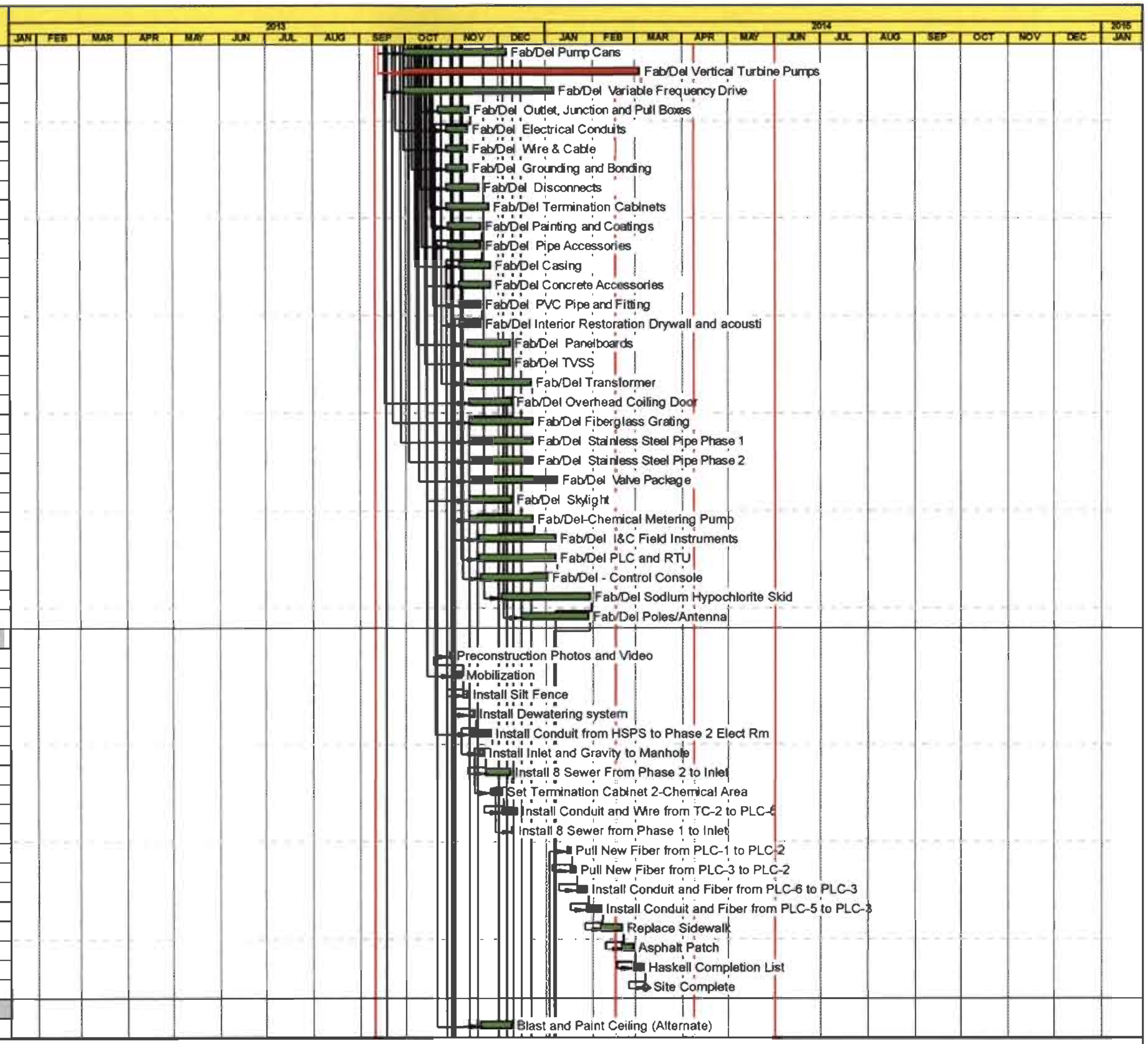


Start date	JAN 20 13
Finish date	JUL 17 14
Data date	SEP 11 13
Run date	SEP 11 13
Page number	3A

Haskell
Venice WTP
Membrane Replacement
Detailed Construction Schedule
September 11, 2013

Early bar
Progress bar
Critical bar
Summary bar
Progress point
Start milestone point
Finish milestone point

Act ID	Description	Orig Dur	Rem Dur	%	Early Start	Early Finish
P206260	Fab/Del Pump Cans	50	50	0	SEP 30 13	DEC 06 13
P206270	Fab/Del Vertical Turbine Pumps	110	110	0	SEP 30 13	MAR 04 14
P206280	Fab/Del Variable Frequency Drive	70	70	0	SEP 30 13	JAN 07 14
P206420	Fab/Del Outlet, Junction and Pull Boxes	15	15	0	OCT 22 13	NOV 12 13
P206400	Fab/Del Electrical Conduits	10	10	0	OCT 28 13	NOV 11 13
P206410	Fab/Del Wire & Cable	10	10	0	OCT 28 13	NOV 11 13
P206430	Fab/Del Grounding and Bonding	10	10	0	OCT 28 13	NOV 11 13
P206450	Fab/Del Disconnects	15	15	0	OCT 28 13	NOV 18 13
P206590	Fab/Del Termination Cabinets	20	20	0	OCT 28 13	NOV 25 13
P206320	Fab/Del Painting and Coatings	15	15	0	OCT 29 13	NOV 19 13
P206350	Fab/Del Pipe Accessories	15	15	0	OCT 29 13	NOV 19 13
P206290	Fab/Del Casing	15	15	0	NOV 05 13	NOV 26 13
P206300	Fab/Del Concrete Accessories	15	15	0	NOV 05 13	NOV 26 13
P206360	Fab/Del PVC Pipe and Fitting	10	10	0	NOV 05 13	NOV 19 13
P206490	Fab/Del Interior Restoration Drywall and acousti	10	10	0	NOV 05 13	NOV 19 13
P206440	Fab/Del Panelboards	20	20	0	NOV 11 13	DEC 09 13
P206460	Fab/Del TVSS	20	20	0	NOV 11 13	DEC 09 13
P206620	Fab/Del Transformer	30	30	0	NOV 11 13	DEC 23 13
P205660	Fab/Del Overhead Coiling Door	20	20	0	NOV 12 13	DEC 10 13
P206310	Fab/Del Fiberglass Grating	30	30	0	NOV 12 13	DEC 24 13
P206370	Fab/Del Stainless Steel Pipe Phase 1	30	30	0	NOV 12 13	DEC 24 13
P206380	Fab/Del Stainless Steel Pipe Phase 2	30	30	0	NOV 12 13	DEC 24 13
P206390	Fab/Del Valve Package	40	40	0	NOV 12 13	JAN 09 14
P206480	Fab/Del Skylight	20	20	0	NOV 12 13	DEC 10 13
P206580	Fab/Del-Chemical Metering Pump	30	30	0	NOV 12 13	DEC 24 13
P206340	Fab/Del I&C Field Instruments	35	35	0	NOV 18 13	JAN 08 14
P206510	Fab/Del PLC and RTU	35	35	0	NOV 18 13	JAN 08 14
P205670	Fab/Del - Control Console	30	30	0	NOV 19 13	JAN 02 14
P206330	Fab/Del Sodium Hypochlorite Skid	40	40	0	DEC 03 13	JAN 30 14
P206530	Fab/Del Poles/Antenna	30	30	0	DEC 16 13	JAN 29 14
Sitework						
P205540	Preconstruction Photos and Video	2	2	0	OCT 30 13	OCT 31 13
P205510	Mobilization	5	5	0	NOV 01 13	NOV 07 13
P205530	Install Silt Fence	2	2	0	NOV 08 13	NOV 11 13
P105850	Install Dewatering system	4	4	0	NOV 12 13	NOV 15 13
P107160	Install Conduit from HSPS to Phase 2 Elect Rm	10	10	0	NOV 12 13	NOV 26 13
P107290	Install Inlet and Gravity to Manhole	4	4	0	NOV 18 13	NOV 21 13
P107270	Install 8 Sewer From Phase 2 to Inlet	12	12	0	NOV 22 13	DEC 09 13
P205550	Set Termination Cabinet 2-Chemical Area	5	5	0	NOV 26 13	DEC 03 13
P107170	Install Conduit and Wire from TC-2 to PLC-6	8	8	0	DEC 03 13	DEC 13 13
P107280	Install 8 Sewer from Phase 1 to Inlet	2	2	0	DEC 10 13	DEC 11 13
P105980	Pull New Fiber from PLC-1 to PLC-2	2	2	0	JAN 15 14	JAN 17 14
P105990	Pull New Fiber from PLC-3 to PLC-2	2	2	0	JAN 17 14	JAN 21 14
P107070	Install Conduit and Fiber from PLC-6 to PLC-3	5	5	0	JAN 21 14	JAN 28 14
P107080	Install Conduit and Fiber from PLC-5 to PLC-3	8	8	0	JAN 28 14	FEB 07 14
P107150	Replace Sidewalk	10	10	0	FEB 07 14	FEB 21 14
P107090	Asphalt Patch	5	5	0	FEB 21 14	FEB 28 14
P107100	Haskell Completion List	5	5	0	FEB 28 14	MAR 07 14
P107110	Site Complete	0	0	0		MAR 07 14
Phase 1 Process Equipment Renovations						
P107250	Blast and Paint Ceiling (Alternate)	15	15	0	NOV 19 13	DEC 10 13

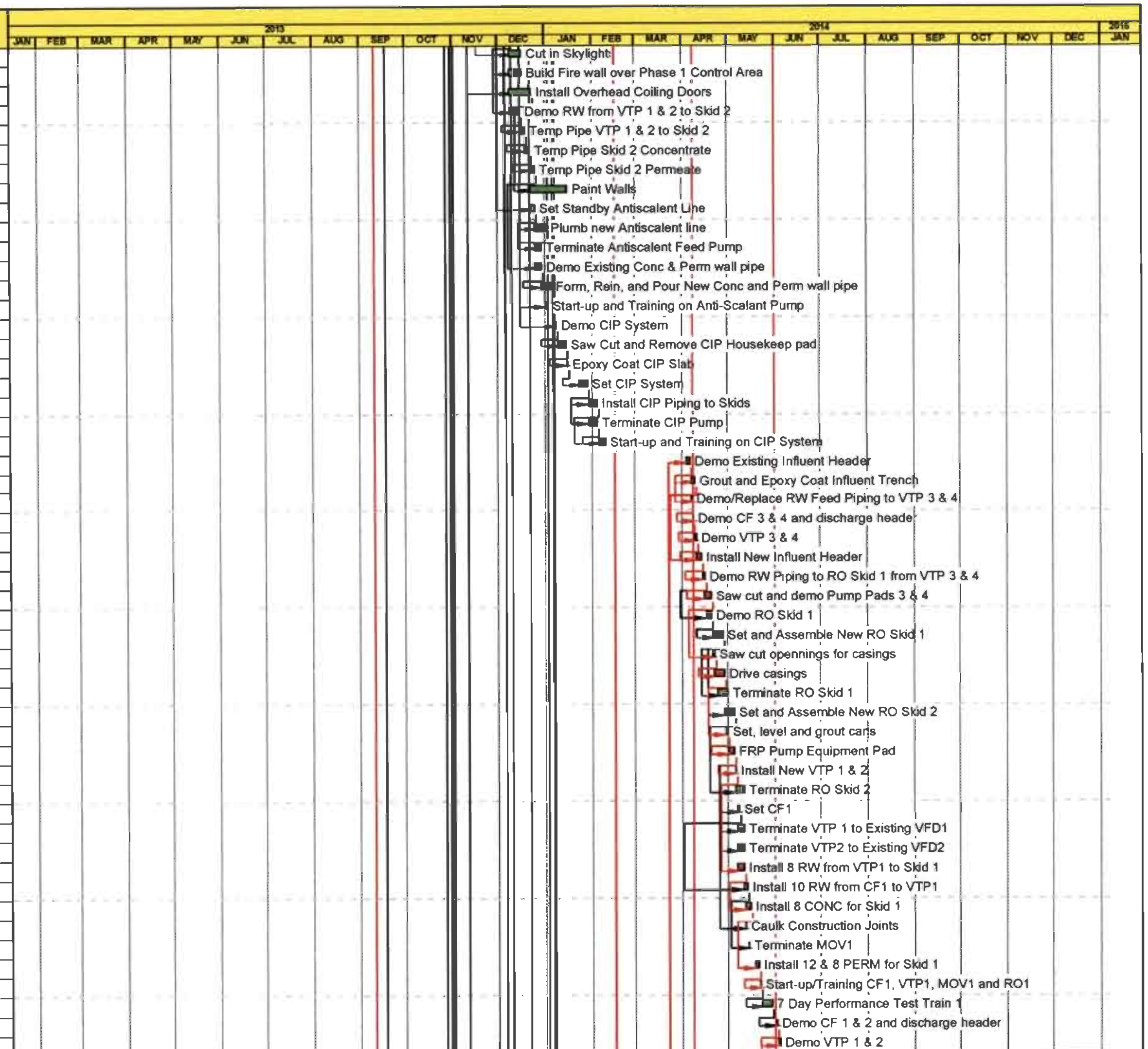


Start date	JAN 20 13
Finish date	JUL 17 14
Data date	SEP 11 13
Run date	SEP 11 13
Page number	4A

Haskell
Venice WTP
Membrane Replacement
Detailed Construction Schedule
September 11, 2013

Early bar
Progress bar
Critical bar
Summary bar
Progress point
Start milestone point
Finish milestone point

Act ID	Description	Orig Dur	Rem Dur	%	Early Start	Early Finish
P105170	Cut in Skylights	5	5	0	DEC 10 13	DEC 17 13
P105700	Build Fire wall over Phase 1 Control Area	5	5	0	DEC 10 13	DEC 17 13
P105900	Install Overhead Coiling Doors	10	10	0	DEC 10 13	DEC 24 13
P107300	Demo RW from VTP 1 & 2 to Skid 2	4	4	0	DEC 10 13	DEC 16 13
P107310	Temp Pipe VTP 1 & 2 to Skid 2	3	3	0	DEC 16 13	DEC 19 13
P107320	Temp Pipe Skid 2 Concentrate	2	2	0	DEC 19 13	DEC 23 13
P107330	Temp Pipe Skid 2 Permeate	2	2	0	DEC 23 13	DEC 26 13
P105720	Paint Walls	15	15	0	DEC 24 13	JAN 16 14
P105820	Set Standby Antiscalent Line	1	1	0	DEC 24 13	DEC 26 13
P105830	Plumb new Antiscalent line	4	4	0	DEC 26 13	JAN 02 14
P105840	Terminate Antiscalent Feed Pump	2	2	0	DEC 26 13	DEC 30 13
P107340	Demo Existing Conc & Perm wall pipe	2	2	0	DEC 26 13	DEC 30 13
P107350	Form, Rein, and Pour New Conc and Perm wall pipe	4	4	0	DEC 30 13	JAN 06 14
P107260	Start-up and Training on Anti-Scalant Pump	1	1	0	JAN 02 14	JAN 03 14
P105380	Demo CIP System	2	2	0	JAN 08 14	JAN 09 14
P105430	Saw Cut and Remove CIP Housekeep pad	4	4	0	JAN 10 14	JAN 15 14
P105440	Epoxy Coat CIP Slab	1	1	0	JAN 16 14	JAN 16 14
P105390	Set CIP System	4	4	0	JAN 24 14	JAN 29 14
P105400	Install CIP Piping to Skids	5	5	0	JAN 30 14	FEB 05 14
P105450	Terminate CIP Pump	5	5	0	JAN 30 14	FEB 05 14
P105460	Start-up and Training on CIP System	3	3	0	FEB 06 14	FEB 10 14
P104790	Demo Existing Influent Header	2	2	0	APR 04 14	APR 07 14
P104960	Grout and Epoxy Coat Influent Trench	3	3	0	APR 08 14	APR 10 14
P104990	Demo/Replace RW Feed Piping to VTP 3 & 4	1	1	0	APR 08 14	APR 08 14
P105010	Demo CF 3 & 4 and discharge header	1	1	0	APR 09 14	APR 09 14
P105000	Demo VTP 3 & 4	2	2	0	APR 10 14	APR 11 14
P104980	Install New Influent Header	2	2	0	APR 11 14	APR 14 14
P105030	Demo RW Piping to RO Skid 1 from VTP 3 & 4	2	2	0	APR 15 14	APR 16 14
P105100	Saw cut and demo Pump Pads 3 & 4	4	4	0	APR 16 14	APR 21 14
P105040	Demo RO Skid 1	3	3	0	APR 17 14	APR 21 14
P105070	Set and Assemble New RO Skid 1	5	5	0	APR 22 14	APR 28 14
P105110	Saw cut opennings for casings	2	2	0	APR 22 14	APR 23 14
P105120	Drive casings	5	5	0	APR 23 14	APR 29 14
P105080	Terminate RO Skid 1	5	5	0	APR 25 14	MAY 01 14
P105090	Set and Assemble New RO Skid 2	5	5	0	APR 29 14	MAY 05 14
P105130	Set, level and grout cans	2	2	0	APR 30 14	MAY 01 14
P105910	FRP Pump Equipment Pad	2	2	0	MAY 02 14	MAY 05 14
P105140	Install New VTP 1 & 2	2	2	0	MAY 06 14	MAY 07 14
P105250	Terminate RO Skid 2	5	5	0	MAY 06 14	MAY 12 14
P105150	Set CF1	2	2	0	MAY 08 14	MAY 09 14
P105180	Terminate VTP 1 to Existing VFD1	3	3	0	MAY 08 14	MAY 12 14
P105200	Terminate VTP2 to Existing VFD2	3	3	0	MAY 08 14	MAY 12 14
P105210	Install 8 RW from VTP1 to Skid 1	3	3	0	MAY 08 14	MAY 12 14
P105160	Install 10 RW from CF1 to VTP1	3	3	0	MAY 12 14	MAY 14 14
P105260	Install 8 CONC for Skid 1	4	4	0	MAY 13 14	MAY 16 14
P105860	Caulk Construction Joints	1	1	0	MAY 13 14	MAY 13 14
P105190	Terminate MOV1	1	1	0	MAY 15 14	MAY 15 14
P105270	Install 12 & 8 PERM for Skid 1	4	4	0	MAY 19 14	MAY 22 14
P105300	Start-up/Training CF1, VTP1, MOV1 and RO1	1	1	0	MAY 23 14	MAY 23 14
P105310	7 Day Performance Test Train 1	7	7	0	MAY 24 14	MAY 30 14
P105470	Demo CF 1 & 2 and discharge header	1	1	0	JUN 02 14	JUN 02 14
P105490	Demo VTP 1 & 2	2	2	0	JUN 03 14	JUN 04 14

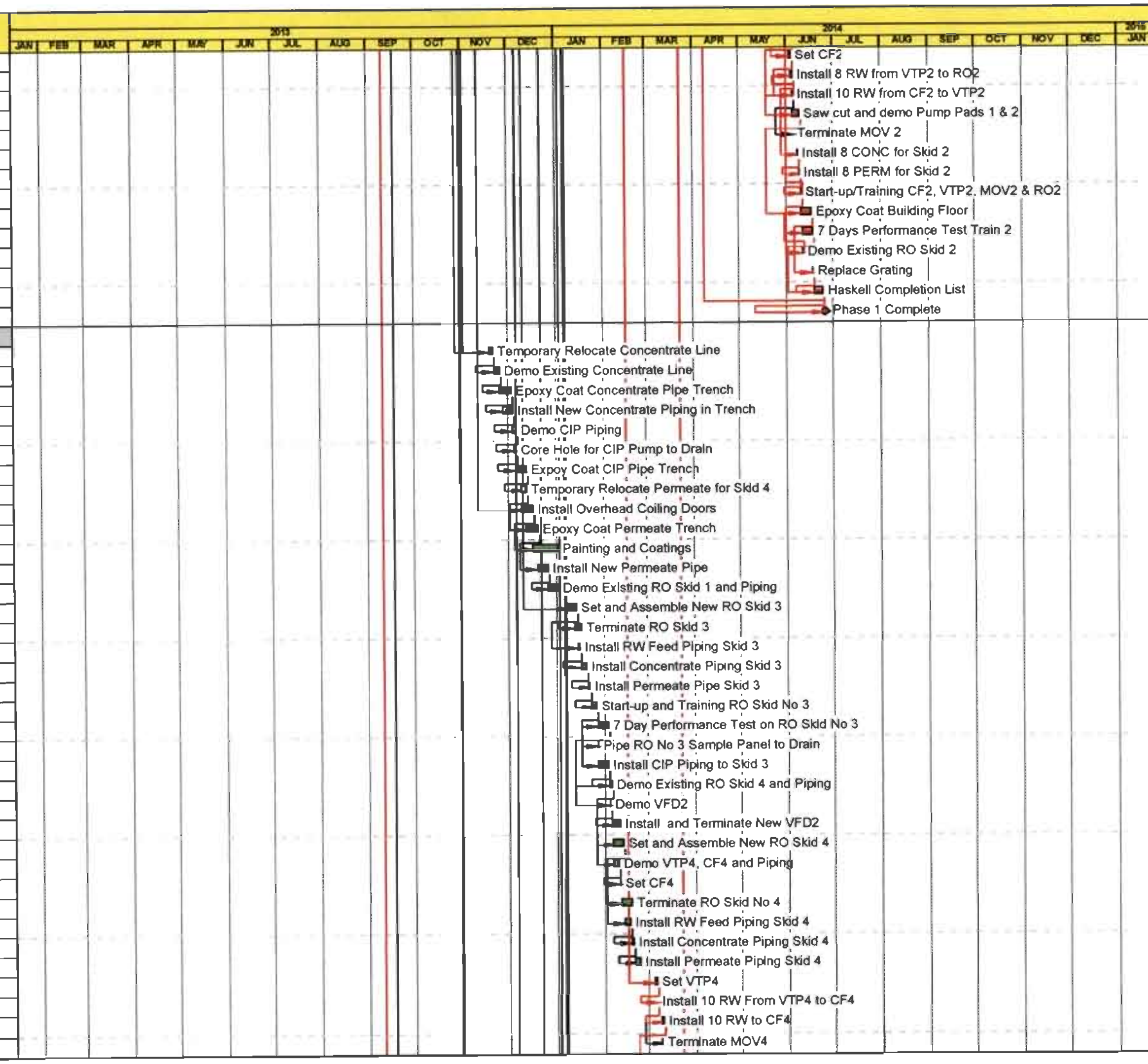


Start date	JAN 20 13
Finish date	JUL 17 14
Data date	SEP 11 13
Run date	SEP 11 13
Page number	5A

Haskell
Venice WTP
Membrane Replacement
Detailed Construction Schedule
September 11, 2013

Early bar
Progress bar
Critical bar
Summary bar
Progress point
Start milestone point
Finish milestone point

Act ID	Description	Orig Dur	Rem Dur	%	Early Start	Early Finish
P105650	Set CF2	2	2	0	JUN 03 14	JUN 04 14
P105520	Install 8 RW from VTP2 to RO2	3	3	0	JUN 04 14	JUN 06 14
P105510	Install 10 RW from CF2 to VTP2	1	1	0	JUN 05 14	JUN 05 14
P105920	Saw cut and demo Pump Pads 1 & 2	4	4	0	JUN 05 14	JUN 10 14
P105640	Terminate MOV 2	1	1	0	JUN 06 14	JUN 06 14
P105530	Install 8 CONC for Skid 2	1	1	0	JUN 09 14	JUN 09 14
P105540	Install 8 PERM for Skid 2	1	1	0	JUN 10 14	JUN 10 14
P105570	Start-up/Training CF2, VTP2, MOV2 & RO2	1	1	0	JUN 11 14	JUN 11 14
P105600	Epoxy Coat Building Floor	5	5	0	JUN 11 14	JUN 17 14
P105580	7 Days Performance Test Train 2	7	7	0	JUN 12 14	JUN 18 14
P105590	Demo Existing RO Skid 2	1	1	0	JUN 12 14	JUN 12 14
P105610	Replace Grating	1	1	0	JUN 18 14	JUN 18 14
P105620	Haskell Completion List	5	5	0	JUN 19 14	JUN 25 14
P105630	Phase 1 Complete	0	0	0		JUN 25 14
Phase 2 Process Equipment Renovations						
P105220	Temporary Relocate Concentrate Line	3	3	0	NOV 19 13	NOV 22 13
P105230	Demo Existing Concentrate Line	2	2	0	NOV 22 13	NOV 26 13
P105240	Epoxy Coat Concentrate Pipe Trench	5	5	0	NOV 26 13	DEC 03 13
P105320	Install New Concentrate Piping In Trench	4	4	0	NOV 28 13	DEC 04 13
P105330	Demo CIP Piping	2	2	0	DEC 04 13	DEC 06 13
P105340	Core Hole for CIP Pump to Drain	1	1	0	DEC 05 13	DEC 06 13
P105350	Expoy Coat CIP Pipe Trench	5	5	0	DEC 06 13	DEC 13 13
P105360	Temporary Relocate Permeate for Skid 4	3	3	0	DEC 10 13	DEC 13 13
P105890	Install Overhead Coiling Doors	5	5	0	DEC 10 13	DEC 17 13
P105370	Epoxy Coat Permeate Trench	5	5	0	DEC 13 13	DEC 20 13
P107240	Painting and Coatings	10	10	0	DEC 17 13	JAN 02 14
P105660	Install New Permeate Pipe	4	4	0	DEC 20 13	DEC 27 13
P104310	Demo Existing RO Skid 1 and Piping	3	3	0	DEC 27 13	JAN 02 14
P104240	Set and Assemble New RO Skid 3	5	5	0	JAN 08 14	JAN 14 14
P104250	Terminate RO Skid 3	5	5	0	JAN 13 14	JAN 17 14
P104270	Install RW Feed Piping Skid 3	2	2	0	JAN 15 14	JAN 16 14
P104280	Install Concentrate Piping Skid 3	3	3	0	JAN 17 14	JAN 21 14
P104420	Install Permeate Pipe Skid 3	2	2	0	JAN 22 14	JAN 23 14
P104260	Start-up and Training RO Skid No 3	2	2	0	JAN 24 14	JAN 27 14
P104440	7 Day Performance Test on RO Skid No 3	7	7	0	JAN 28 14	FEB 03 14
P104530	Pipe RO No 3 Sample Panel to Drain	1	1	0	JAN 28 14	JAN 28 14
P105670	Install CIP Piping to Skid 3	5	5	0	JAN 28 14	FEB 03 14
P104540	Demo Existing RO Skid 4 and Piping	3	3	0	FEB 04 14	FEB 06 14
P104800	Demo VFD2	2	2	0	FEB 04 14	FEB 05 14
P104810	Install and Terminate New VFD2	4	4	0	FEB 06 14	FEB 11 14
P104290	Set and Assemble New RO Skid 4	5	5	0	FEB 07 14	FEB 13 14
P104720	Demo VTP4, CF4 and Piping	2	2	0	FEB 07 14	FEB 10 14
P104730	Set CF4	1	1	0	FEB 11 14	FEB 11 14
P104660	Terminate RO Skid No 4	5	5	0	FEB 12 14	FEB 18 14
P105680	Install RW Feed Piping Skid 4	2	2	0	FEB 14 14	FEB 17 14
P107220	Install Concentrate Piping Skid 4	3	3	0	FEB 18 14	FEB 20 14
P107230	Install Permeate Piping Skid 4	2	2	0	FEB 21 14	FEB 24 14
P104710	Set VTP4	3	3	0	MAR 05 14	MAR 07 14
P104770	Install 10 RW From VTP4 to CF4	1	1	0	MAR 07 14	MAR 07 14
P104780	Install 10 RW to CF4	2	2	0	MAR 10 14	MAR 11 14
P104830	Terminate MOV4	1	1	0	MAR 10 14	MAR 10 14

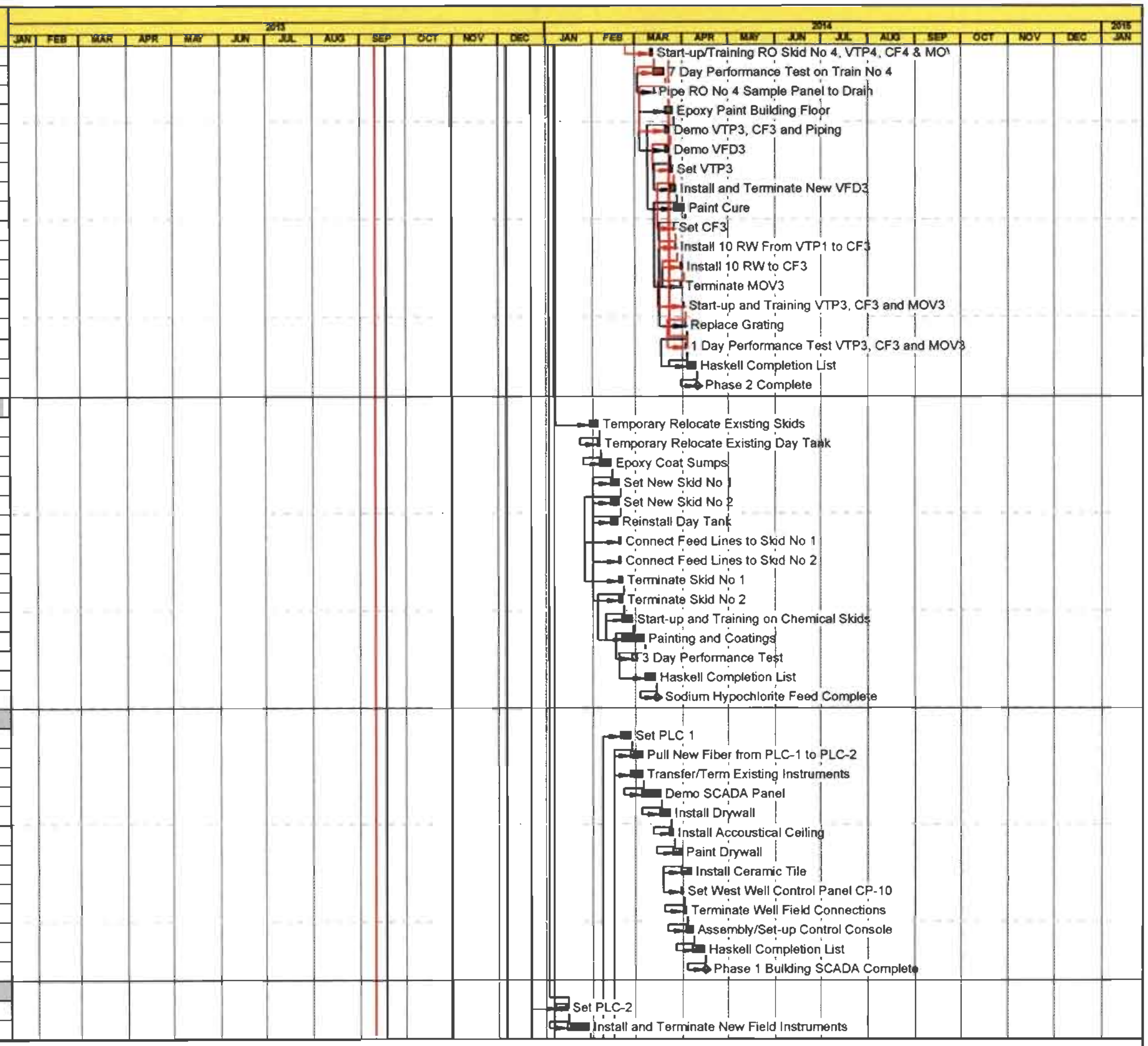


Start date	JAN 20 13
Finish date	JUL 17 14
Data date	SEP 11 13
Run date	SEP 11 13
Page number	6A

Haskell
Venice WTP
Membrane Replacement
Detailed Construction Schedule
September 11, 2013

- Early bar
- Progress bar
- Critical bar
- Summary bar
- Progress point
- Start milestone point
- Finish milestone point

Act ID	Description	Orig Dur	Rem Dur	%	Early Start	Early Finish
P104650	Start-up/Training RO Skid No 4, VTP4, CF4 & MOV4	2	2	0	MAR 12 14	MAR 13 14
P104670	7 Day Performance Test on Train No 4	7	7	0	MAR 14 14	MAR 20 14
P104680	Pipe RO No 4 Sample Panel to Drain	1	1	0	MAR 14 14	MAR 14 14
P104690	Epoxy Paint Building Floor	4	4	0	MAR 21 14	MAR 26 14
P104840	Demo VTP3, CF3 and Piping	2	2	0	MAR 21 14	MAR 24 14
P104900	Demo VFD3	2	2	0	MAR 21 14	MAR 24 14
P104850	Set VTP3	3	3	0	MAR 24 14	MAR 26 14
P104910	Install and Terminate New VFD3	4	4	0	MAR 25 14	MAR 28 14
P104700	Paint Cure	7	7	0	MAR 27 14	APR 02 14
P104860	Set CF3	1	1	0	MAR 27 14	MAR 27 14
P104870	Install 10 RW From VTP1 to CF3	1	1	0	MAR 28 14	MAR 28 14
P104880	Install 10 RW to CF3	2	2	0	MAR 31 14	APR 01 14
P104930	Terminate MOV3	1	1	0	MAR 31 14	MAR 31 14
P104890	Start-up and Training VTP3, CF3 and MOV3	1	1	0	APR 02 14	APR 02 14
P104740	Replace Grating	1	1	0	APR 03 14	APR 03 14
P104940	1 Day Performance Test VTP3, CF3 and MOV3	1	1	0	APR 03 14	APR 03 14
P104750	Haskell Completion List	5	5	0	APR 04 14	APR 10 14
P104760	Phase 2 Complete	0	0	0		APR 10 14
Sodium Hypochlorite Feed						
P104300	Temporary Relocate Existing Skids	3	3	0	JAN 30 14	FEB 04 14
P107120	Temporary Relocate Existing Day Tank	2	2	0	FEB 04 14	FEB 06 14
P105940	Epoxy Coat Sumps	5	5	0	FEB 06 14	FEB 13 14
P104320	Set New Skid No 1	3	3	0	FEB 13 14	FEB 18 14
P104330	Set New Skid No 2	3	3	0	FEB 13 14	FEB 18 14
P107140	Reinstall Day Tank	2	2	0	FEB 13 14	FEB 17 14
P104340	Connect Feed Lines to Skid No 1	2	2	0	FEB 18 14	FEB 20 14
P104350	Connect Feed Lines to Skid No 2	2	2	0	FEB 18 14	FEB 20 14
P104360	Terminate Skid No 1	3	3	0	FEB 18 14	FEB 21 14
P104370	Terminate Skid No 2	3	3	0	FEB 18 14	FEB 21 14
P104380	Start-up and Training on Chemical Skids	4	4	0	FEB 21 14	FEB 27 14
P107130	Painting and Coatings	10	10	0	FEB 21 14	MAR 07 14
P104390	3 Day Performance Test	3	3	0	FEB 27 14	MAR 02 14
P104400	Haskell Completion List	5	5	0	MAR 07 14	MAR 14 14
P104410	Sodium Hypochlorite Feed Complete	0	0	0		MAR 14 14
PLC-1 Phase 1 Building						
P105790	Set PLC 1	5	5	0	FEB 19 14	FEB 26 14
P106750	Pull New Fiber from PLC-1 to PLC-2	5	5	0	FEB 26 14	MAR 05 14
P107190	Transfer/Term Existing Instruments	5	5	0	FEB 26 14	MAR 05 14
P105730	Demo SCADA Panel	8	8	0	MAR 05 14	MAR 17 14
P105690	Install Drywall	5	5	0	MAR 17 14	MAR 24 14
P105740	Install Accoustical Ceiling	2	2	0	MAR 24 14	MAR 26 14
P106870	Paint Drywall	3	3	0	MAR 26 14	MAR 31 14
P105880	Install Ceramic Tile	5	5	0	MAR 31 14	APR 07 14
P105960	Set West Well Control Panel CP-10	1	1	0	MAR 31 14	APR 01 14
P105970	Terminate Well Field Connections	2	2	0	APR 01 14	APR 03 14
P105950	Assembly/Set-up Control Console	3	3	0	APR 03 14	APR 08 14
P106010	Haskell Completion List	5	5	0	APR 08 14	APR 15 14
P106860	Phase 1 Building SCADA Complete	0	0	0		APR 15 14
PLC-2 Phase 2 Building						
P105800	Set PLC-2	5	5	0	JAN 08 14	JAN 15 14
P105870	Install and Terminate New Field Instruments	10	10	0	JAN 15 14	JAN 29 14

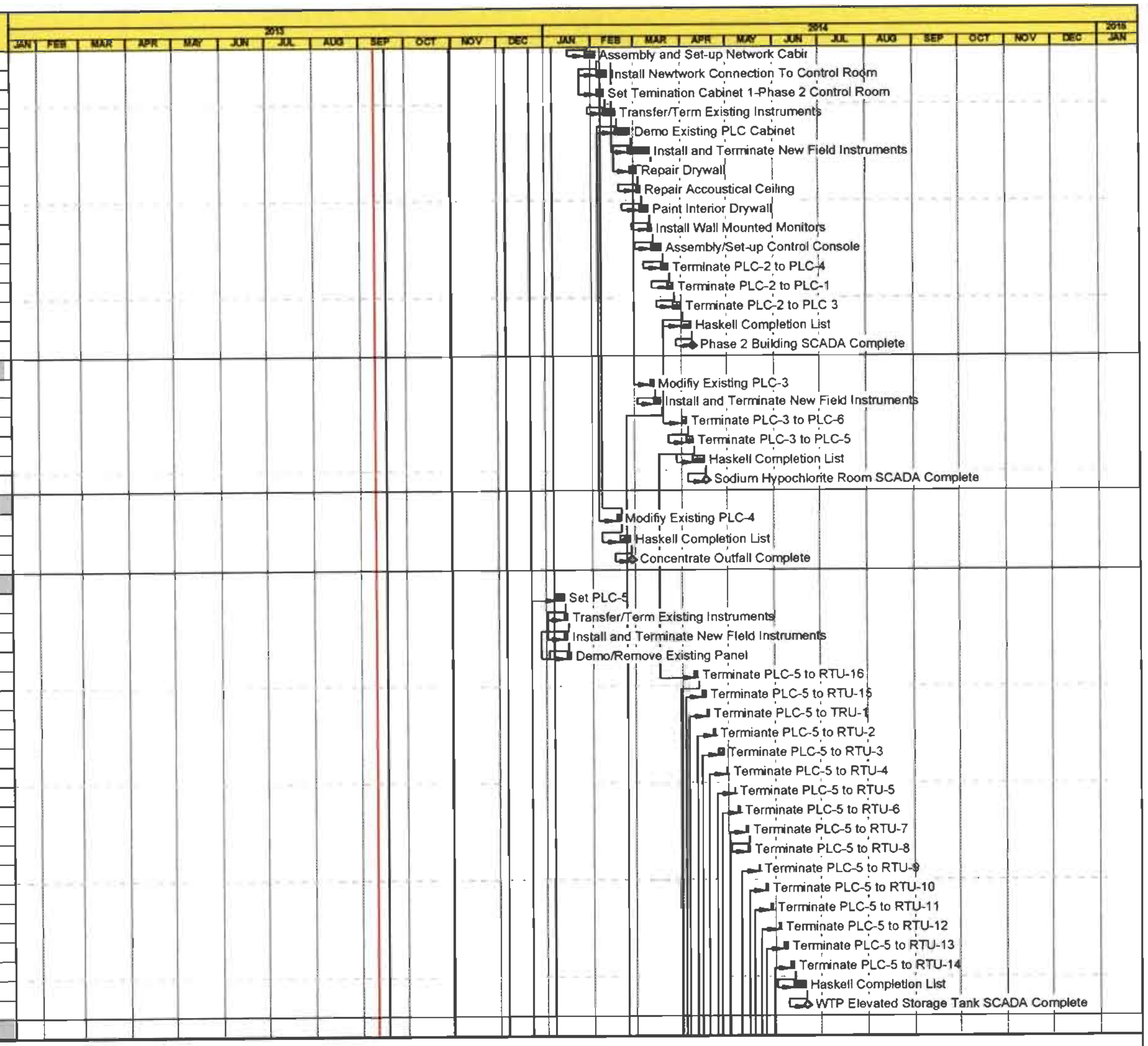


Start date	JAN 20 13
Finish date	JUL 17 14
Data date	SEP 11 13
Run date	SEP 11 13
Page number	7A

Haskell
Venice WTP
Membrane Replacement
Detailed Construction Schedule
September 11, 2013

- Early bar
- Progress bar
- Critical bar
- Summary bar
- Progress point
- Start milestone point
- Finish milestone point

Act ID	Description	Orig Dur	Rem Dur	%	Early Start	Early Finish
P105810	Assembly and Set-up Network Cabinet	5	5	0	JAN 29 14	FEB 05 14
P105780	Install Newtwork Connection To Control Room	5	5	0	FEB 05 14	FEB 12 14
P105930	Set Temination Cabinet 1-Phase 2 Control Room	3	3	0	FEB 05 14	FEB 10 14
P105760	Transfer/Term Existing Instruments	5	5	0	FEB 10 14	FEB 17 14
P107210	Demo Existing PLC Cabinet	8	8	0	FEB 17 14	FEB 27 14
P107200	Install and Terminate New Field Instruments	10	10	0	FEB 26 14	MAR 12 14
P105750	Repair Drywall	2	2	0	FEB 27 14	MAR 03 14
P105770	Repair Accoustical Ceiling	2	2	0	MAR 03 14	MAR 05 14
P106000	Paint Interior Drywall	4	4	0	MAR 05 14	MAR 11 14
P106260	Install Wall Mounted Monitors	2	2	0	MAR 11 14	MAR 13 14
P106030	Assembly/Set-up Control Console	4	4	0	MAR 13 14	MAR 19 14
P106040	Terminate PLC-2 to PLC-4	3	3	0	MAR 19 14	MAR 24 14
P106050	Terminate PLC-2 to PLC-1	3	3	0	MAR 24 14	MAR 27 14
P106060	Terminate PLC-2 to PLC 3	3	3	0	MAR 27 14	APR 01 14
P106020	Haskell Completion List	5	5	0	APR 01 14	APR 08 14
P106850	Phase 2 Building SCADA Complete	0	0	0		APR 08 14
PLC-3 Sodium Hypochlorite Room						
P106070	Modify Existing PLC-3	2	2	0	MAR 12 14	MAR 14 14
P106340	Install and Terminate New Field Instruments	2	2	0	MAR 14 14	MAR 18 14
P106360	Terminate PLC-3 to PLC-6	3	3	0	APR 01 14	APR 04 14
P106370	Terminate PLC-3 to PLC-5	3	3	0	APR 04 14	APR 09 14
P106760	Haskell Completion List	5	5	0	APR 09 14	APR 16 14
P106840	Sodium Hypochlorite Room SCADA Complete	0	0	0		APR 16 14
PLC-4 Concentrate Outfall						
P106080	Modify Existing PLC-4	2	2	0	FEB 17 14	FEB 19 14
P106820	Haskell Completion List	5	5	0	FEB 19 14	FEB 26 14
P106830	Concentrate Outfall Complete	0	0	0		FEB 26 14
PLC-5 WTP Elevated Storage Tank						
P106100	Set PLC-5	3	3	0	JAN 08 14	JAN 13 14
P106400	Transfer/Term Existing Instruments	2	2	0	JAN 13 14	JAN 15 14
P106520	Install and Terminate New Field Instruments	2	2	0	JAN 13 14	JAN 15 14
P106390	Demo/Remove Existing Panel	2	2	0	JAN 15 14	JAN 17 14
P106270	Terminate PLC-5 to RTU-16	2	2	0	APR 09 14	APR 11 14
P106280	Terminate PLC-5 to RTU-15	2	2	0	APR 14 14	APR 16 14
P107060	Terminate PLC-5 to TRU-1	1	1	0	APR 17 14	APR 18 14
P107050	Termiante PLC-5 to RTU-2	1	1	0	APR 22 14	APR 23 14
P107040	Terminate PLC-5 to RTU-3	1	1	0	APR 25 14	APR 28 14
P107030	Terminate PLC-5 to RTU-4	1	1	0	APR 30 14	MAY 01 14
P107020	Terminate PLC-5 to RTU-5	1	1	0	MAY 05 14	MAY 06 14
P107010	Terminate PLC-5 to RTU-6	1	1	0	MAY 08 14	MAY 09 14
P107000	Terminate PLC-5 to RTU-7	1	1	0	MAY 13 14	MAY 14 14
P106570	Terminate PLC-5 to RTU-8	1	1	0	MAY 14 14	MAY 15 14
P106560	Terminate PLC-5 to RTU-9	1	1	0	MAY 21 14	MAY 22 14
P106330	Terminate PLC-5 to RTU-10	1	1	0	MAY 26 14	MAY 27 14
P106320	Terminate PLC-5 to RTU-11	1	1	0	MAY 29 14	MAY 30 14
P106310	Terminate PLC-5 to RTU-12	1	1	0	JUN 03 14	JUN 04 14
P106300	Terminate PLC-5 to RTU-13	1	1	0	JUN 06 14	JUN 09 14
P106290	Terminate PLC-5 to RTU-14	2	2	0	JUN 11 14	JUN 13 14
P106800	Haskell Completion List	5	5	0	JUN 13 14	JUN 20 14
P106810	WTP Elevated Storage Tank SCADA Complete	0	0	0		JUN 20 14
PLC-6 Chemical Area (Building C)						



Start date	JAN 20 13
Finish date	JUL 17 14
Data date	SEP 11 13
Run date	SEP 11 13
Page number	8A

Haskell
Venice WTP
Membrane Replacement
Detailed Construction Schedule
September 11, 2013

Early bar
Progress bar
Critical bar
Summary bar
Progress point
Start milestone point
Finish milestone point

Act ID	Description	Orig Dur	Rem Dur	%	Early Start	Early Finish
P106380	Set Transformer	4	4	0	DEC 23 13	DEC 30 13
P107180	Set Panelboard	5	5	0	DEC 30 13	JAN 07 14
P106350	Set PLC-6	2	2	0	JAN 08 14	JAN 10 14
P106580	Install and Terminate New Instruments	10	10	0	JAN 10 14	JAN 24 14
P106540	Transfer/Term Existing Instruments	5	5	0	MAR 18 14	MAR 25 14
P106980	Haskell Completion List	5	5	0	MAR 25 14	APR 01 14
P106990	Chemical Area SCADA Complete	0	0	0		APR 01 14
RTU-1-14 Well Fields						
P106550	Radio Path Study	10	10	0	OCT 28 13	NOV 11 13
P106600	Modify/Replace Existing Radio Towers	15	15	0	JAN 29 14	FEB 19 14
P106090	Remove Existing and Set New RTU-1 Well 1AW	2	2	0	APR 14 14	APR 16 14
P106430	Install and Terminate New Field Instruments 1AW	1	1	0	APR 16 14	APR 17 14
P106590	Transfer/Terminate Ext Inst to RTU-1	1	1	0	APR 16 14	APR 17 14
P106130	Remove Existing and Set New RTU-2 Well 2W	2	2	0	APR 17 14	APR 21 14
P106610	Transfer/Termionate Ext Inst to RTU-2	1	1	0	APR 21 14	APR 22 14
P106880	Install and Terminate New Field Instruments 2 W	1	1	0	APR 21 14	APR 22 14
P106140	Remove Existing and Set New RTU-3 Well 2AW	2	2	0	APR 22 14	APR 24 14
P106620	Transfer/Terminate Ext Inst to RTU-3	1	1	0	APR 24 14	APR 25 14
P106890	Install and Terminate New Field Instruments 2 AW	1	1	0	APR 24 14	APR 25 14
P106150	Remove Existing and Set New RTU-4 Well 3W	2	2	0	APR 25 14	APR 29 14
P106630	Transfer/Terminate Ext Inst to RTU-4	1	1	0	APR 29 14	APR 30 14
P106900	Install and Termonate New Field Instruments 3W	1	1	0	APR 29 14	APR 30 14
P106160	Remove Exisint and Set New RTU-5 Well 4W	2	2	0	APR 30 14	MAY 02 14
P106640	Transfer/Terminate Ext Inst to RTU-5	1	1	0	MAY 02 14	MAY 05 14
P106910	Install and Terminate New Field Instruments 4W	1	1	0	MAY 02 14	MAY 05 14
P106170	Remove and Set New RTU-6 Well 7W	2	2	0	MAY 05 14	MAY 07 14
P106650	Transfer/Terminate Ext Inst to RTU-6	1	1	0	MAY 07 14	MAY 08 14
P106920	Install and Terminate New Field Instruments 7W	1	1	0	MAY 07 14	MAY 08 14
P106180	Remove Existing and Set New RTU-7 Well 8W	2	2	0	MAY 08 14	MAY 12 14
P106660	Transfer/Terminate Ext Inst to RTU-7	1	1	0	MAY 12 14	MAY 13 14
P106930	Install and Terminate New Field Instruments 8W	1	1	0	MAY 12 14	MAY 13 14
P106190	Remove Existing and Set New RTU-8 Well 1E	2	2	0	MAY 13 14	MAY 15 14
P106670	Transfer/Terminate Ext Inst to RTU-8	1	1	0	MAY 15 14	MAY 16 14
P106940	Install and Terminate New Field Instruments 1E	1	1	0	MAY 15 14	MAY 16 14
P106200	Remove Existing and Set New RTU-9 Well 2E	2	2	0	MAY 16 14	MAY 20 14
P106680	Transfer/Terminate Ext Inst to RTU-9	1	1	0	MAY 20 14	MAY 21 14
P106950	Install and Terminate New Field Instruments 2E	1	1	0	MAY 20 14	MAY 21 14
P106210	Remove Existing and Set New RTU-10 Well 3E	2	2	0	MAY 21 14	MAY 23 14
P106690	Transfer/Terminate Ext Inst to RTU-10	1	1	0	MAY 23 14	MAY 26 14
P106960	Install and Terminate New Field Instruments 3E	1	1	0	MAY 23 14	MAY 26 14
P106220	Remove Existing and Set New RTU-11 Well 4E	2	2	0	MAY 26 14	MAY 28 14
P106440	Install and Terminate New Field Instruments 4E	1	1	0	MAY 28 14	MAY 29 14
P106700	Transfer/Terminate Ext Inst to RTU-11	1	1	0	MAY 28 14	MAY 29 14
P106230	Remove Existing and Set New RTU-12 Well 5E	2	2	0	MAY 29 14	JUN 02 14
P106450	Install and Terminate New Field Instruments 5E	1	1	0	JUN 02 14	JUN 03 14
P106710	Transfer/Terminate Ext Inst to RTU-12	1	1	0	JUN 02 14	JUN 03 14
P106240	Demo Exising and Set New RTU-13 Well 6E	2	2	0	JUN 03 14	JUN 05 14
P106480	Install and Terminate New Field Instruments 6E	1	1	0	JUN 05 14	JUN 06 14
P106720	Transfer/Terminate Ext Inst to RTU-13	1	1	0	JUN 05 14	JUN 06 14
P106250	Demo Existing and Set New RTU-14 Well 7E	2	2	0	JUN 06 14	JUN 10 14
P106730	Transfer/Terminate Ext Inst to RTU-14	1	1	0	JUN 10 14	JUN 11 14

Start date	JAN 20 13
Finish date	JUL 17 14
Data date	SEP 11 13
Run date	SEP 11 13
Page number	9A

Haskell
Venice WTP
Membrane Replacement
Detailed Construction Schedule
September 11, 2013

Early bar
Progress bar
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Progress point
Start milestone point
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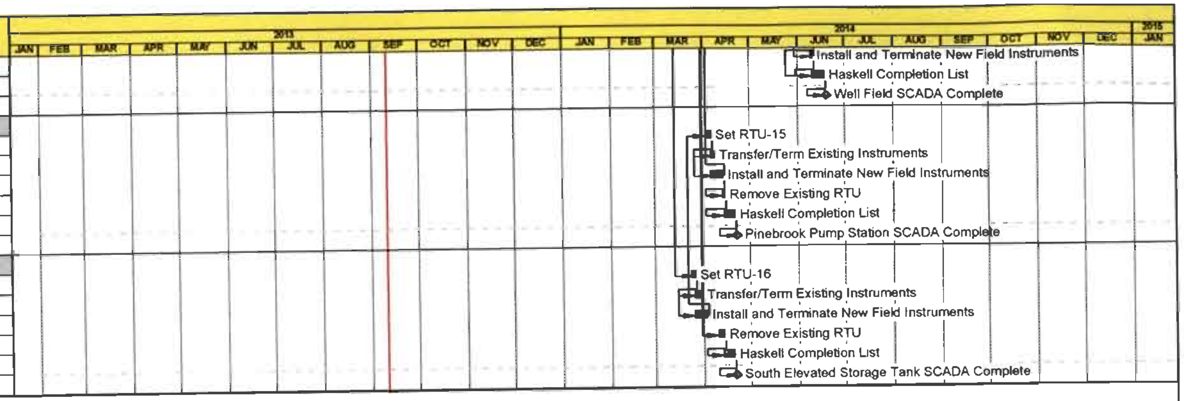
Act ID	Description	Orig Dur	Rem Dur	%	Early Start	Early Finish
P106970	Install and Terminate New Field Instruments 7E	1	1	0	JUN 10 14	JUN 11 14
P106740	Haskell Completion List	5	5	0	JUN 11 14	JUN 18 14
P106790	Well Field SCADA Complete	0	0	0		JUN 18 14
RTU-15 Pinebrook Pump Station (East Tank)						
P106110	Set RTU-15	2	2	0	APR 03 14	APR 07 14
P106500	Transfer/Term Existing Instruments	2	2	0	APR 07 14	APR 09 14
P106530	Install and Terminate New Field Instruments	5	5	0	APR 07 14	APR 14 14
P106490	Remove Existing RTU	1	1	0	APR 14 14	APR 15 14
P106510	Haskell Completion List	5	5	0	APR 15 14	APR 22 14
P106780	Pinebrook Pump Station SCADA Complete	0	0	0		APR 22 14
RTU16 South Elevated Storage Tank						
P106120	Set RTU-16	2	2	0	MAR 25 14	MAR 27 14
P106420	Transfer/Term Existing Instruments	2	2	0	MAR 27 14	MAR 31 14
P106460	Install and Terminate New Field Instruments	5	5	0	MAR 27 14	APR 03 14
P106410	Remove Existing RTU	1	1	0	APR 11 14	APR 14 14
P106470	Haskell Completion List	5	5	0	APR 14 14	APR 21 14
P106770	South Elevated Storage Tank SCADA Complete	0	0	0		APR 21 14



Start date	JAN 20 13
Finish date	JUL 17 14
Data date	SEP 11 13
Run date	SEP 11 13
Page number	10A

Haskell
Venice WTP
Membrane Replacement
Detailed Construction Schedule
September 11, 2013

Early bar
Progress bar
Critical bar
Summary bar
Progress point
Start milestone point
Finish milestone point