

1580 Sawgrass Corporate Parkway, Suite 400
Sunrise, FL 33323

T: 954.200.7611



October 30, 2025

Ms. Giselle Hipolito
Project Manager
Department of Public Utilities - ECSD
City of Hollywood
1621 N. 14th Avenue
Hollywood, Florida 33022

158421

Subject: Deep Injection Wells No. 3 and No. 4 Pump Station Project
Time Extension Request – FPL and MV Electrical Gear Deliveries

Dear Ms. Hipolito:

Please receive this letter as Brown and Caldwell's recommendation to approve the time extension of 120 calendar days requested by Cardinal Contractors in their September 11, 2025 letter.

As you are aware, there are two major issues that have impacted and continue to impact the completion of construction.

- FPL Utility Power Service – the lack of permanent power is preventing testing of electrical and mechanical gear. FPL assured us many months ago that they would provide utility power service to support that project. Commissioning of equipment was planned to begin in July of 2025. To date, FPL has not started any of its work to construct feeder ducts from the Hollywood Substation to the site, some 2 miles away.
- Medium Voltage Switchgear Late Delivery – reference Cardinal Contractor's letter dated September 11, 2025 and their letter of May 3, 2024 indicating that the project will incur additional delays to the schedule of deliveries are not timely, as stated by Change Order No. 5.

Please see the attached backup documentation and let me know if you have any questions.

Very truly yours,

Brown and Caldwell

A handwritten signature in blue ink, appearing to read "Mark Harber".

Mark Harber, Construction Manager
Sunrise, Florida



NOTIFICATIONS AND DOCUMENTATION OF DELAY

Cardinal stated during the monthly meeting on 4/2/2025 that the switchgear delivery has pushed to May 12, 2025, which would impact the schedule 14 days due to the delivery delay.

Cardinal stated during the monthly meeting on 5/7/2025 that the switchgear was being factor tested and would not ship until the end of the month.

Switchgear Components Arriving May 27, 2025



Cardinal stated during the monthly meeting on 6/4/2025 that not all of the switchgear components have been delivered and the full delay cannot be evaluated until the deliveries are complete.

Details of this Time Extension

Time Extension	Current Contract Completion Dates thru CO No. 5	Proposed Time Extension calendar days	New Contract Completion Dates
Substantial Completion	11/6/2025	120	3/6/2026
Final Completion	2/14/2026	120	6/14/2026
Interim Milestone		12/31/2025	
* The interim milestone is to establish the goal of operational testing to have started and continue, as a minimum, prior to the end of 2025. This interim milestone includes functional checkout and operational testing of injection well pumps, concentrate pumps, control systems, including SCADA, both emergency generator systems and all process mechanical electrical, instrumentation and ancillary equipment.			
* It is acknowledged that the success of achieving the interim milestone is dependent on Florida Power & Light providing temporary 13 KV power for testing, and the completion of the permanent utility power service feeder such that testing and startup can be achieved.			



CORRECT

September 11, 2025

Mr. Mark Harber, Project Manager
Brown and Caldwell | Hollywood SRWWTP
MHarber@Brwnncald.com

Reference: Hollywood Deep Injection Wells No. 3 and No. 4 Pump Station
Cardinal Job #: 85030, City Project #: 19-9119A
Contract Change Order No. 5 – Reconciliation for Procurement Delays

Mr. Harber,

As a follow-up to our progress meeting and the final delivery of the Pantropic Generator Switchgear Equipment, please review the following:

Change Order No. 5	Revised Delivery Date	Actual Delivery Date
Arc Flash Switchgear	March 31, 2025	May 27, 2025
MV-GSWGR-1A, 2A		
MV-GSWGR-2A, 2B		

Difference in Calendar Days	58 Days
Start-Up (Dependent Activity) *	20 Days
Commissioning (Dependent Activity) *	20 Days
Credit to Owner	(8) Days
Reconciled - Contract Days	90 Days

*Start-Up and Commissioning activities are directly impacted by this delay, as well as equipment installation time

Please note that Change Order No. 5 is dated May 14, 2023, signed by Cardinal and Brown and Caldwell on September 24, 2024 and not formally executed until November 25, 2024. The latter is a lapse of 63 days in itself. As we all know, Change Orders are not Official Documents until fully executed.

In addition to the above, Cardinal received the fully executed Change Order No. 9 for the FPL Vault and related critical work items on August 11, 2025. The origin of this Change Order dates back to June 13, 2023. After several modifications, the Change Order was later separated into Structural and Electrical. The Structural Change Order was approved on February 26, 2025, while the Electrical portion was approved 167 days later.



C.O. No. 5 – Procurement Delays
August 19, 2025
Page Two

The point of the previous illustrations is how the untimely approval and execution of the Contract Documents have impacted the Project.

Nonetheless, Cardinal Contractors continued to move forward and execute the Project.

Attached is substantiating documentation for the above reconciled delivery dates.

Please review and issue the necessary Contract Change Order. Time is of the essence.

If you have any other questions, feel free to give me a call.

Respectfully,

Joe H. Brown Jr.
Director of Operations
Cardinal Contractors / Primoris Inc.

Attachment(s)

CC: Giselle Hipolito (COH)
Claudette Pearson (CCI)
Travis Johnson (CCI)

85030 - Hollywood Deep Injection Wells 3 and 4 Pump Station - Current										2022				2023				2024				2025			
Activity ID	Activity Name	Original Duration	Actual Start	Actual Finish	Early Start	Early Finish	Total Float	Physical % Complete		Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
85030 - Hollywood Deep Injection Wells 3 and 4 Pump Station - Current		986	29-Apr-22		30-Jul-25	05-Jan-26	-23																		
Key Summary		986	16-May-22		30-Jul-25	05-Jan-26	-23																		
Project Milestones		912	16-May-22		30-Jul-25	29-Dec-25	-23																		
A1000	Receipt of Signed Contract	0	16-May-22		30-Jul-25			100%	◆ Receipt of Signed Contract																
PH1.1000	Phase 1 - Start	0	09-Jun-22		30-Jul-25			100%	◆ Phase 1 - Start																
PH1.1440	Phase 1 Temp Injection Wells- Substantial Complete Revised	0		24-Jan-23		30-Jul-25		100%	◆ Phase 1 Temp Injection Wells- Substantial Complete Revised																
PH1.1605	Phase 1 Temp Injection Wells- Final Complete Revised	0		27-Jan-23		30-Jul-25		100%	◆ Phase 1 Temp Injection Wells- Final Complete Revised																
PH1.1450	Phase 1 Construction Revised - Substantial Complete	0		24-Jan-23		01-Aug-25		100%	◆ Phase 1 Construction Revised - Substantial Complete																
PH1.1565	Phase 1 Construction Revised - Final Complete	0		23-Feb-23		01-Aug-25		100%	◆ Phase 1 Construction Revised - Final Complete																
PH2.7190	Phase 2 Construction - Substantial Complete (10/31/2025 Rev. 1)	0				28-Oct-25	-38	0%																	
PH2.9000	Phase 2 Construction - Punchlist and Closeout	60			29-Oct-25	27-Dec-25	-38	0%																	
PH2.9010	Phase 2 Construction - Final Complete (11/30/2025 Rev. 1)	0				29-Dec-25	-23	0%																	
Project Duration		1018	16-May-22		30-Jul-25	28-Oct-25	-38																		
Key Items		975	16-May-22		30-Jul-25	05-Jan-26	-23																		
Procurement		776	29-Apr-22	27-May-25	30-Jul-25	30-Jul-25																			
Subcontracts		150	09-May-22	12-Dec-22	30-Jul-25	30-Jul-25																			
Sitework		68	16-May-22	11-Aug-22	30-Jul-25	30-Jul-25																			
Auger Cast & Helical Pile		135	31-May-22	12-Dec-22	30-Jul-25	30-Jul-25																			
Sheet Piling		53	09-May-22	27-Jun-22	30-Jul-25	30-Jul-25																			
Concrete		68	16-May-22	22-Aug-22	30-Jul-25	30-Jul-25																			
Electrical & Instrumentation		58	16-May-22	15-Jul-22	30-Jul-25	30-Jul-25																			
Purchase Orders		776	29-Apr-22	27-May-25	30-Jul-25	30-Jul-25																			
Pipe and Components		0	25-Jul-22	25-Jul-22	30-Jul-25	30-Jul-25																			
Equipment		1049	29-Apr-22	27-Feb-25	30-Jul-25	30-Jul-25																			
Electrical Buidling - IWESC		1010	29-Apr-22	27-May-25	30-Jul-25	30-Jul-25																			
Switchgears		1010	29-Apr-22	27-May-25	30-Jul-25	30-Jul-25																			
A9370	MV-GSWGR - [Pantropic] - Order and Submit Vendor Documents	20	29-Apr-22	05-Sep-22	30-Jul-25	30-Jul-25		100%		Sep-22 A															
A9380	MV-GSWGR - [Pantropic] - Approve Vendor Documents	25	06-Sep-22	17-Jul-23	30-Jul-25	30-Jul-25		100%																	
A9390	MV-GSWGR - [Pantropic] - Fabrication	273	18-Jul-23	23-May-25	30-Jul-25	30-Jul-25		100%																	
A9400	MV-GSWGR - [Pantropic] - On Site	0		27-May-25	30-Jul-25	30-Jul-25		100%																	
A9410	MV-MSWGR 1A/1B - [Pantropic] - Order and Submit Vendor Docu	20	29-Apr-22	05-Sep-22	30-Jul-25	30-Jul-25		100%		Sep-22 A															
A9420	MV-MSWGR 1A/1B - [Pantropic] - Approve Vendor Documents	25	06-Sep-22	17-Jul-23	30-Jul-25	30-Jul-25		100%																	
A9430	MV-MSWGR 1A/1B - [Pantropic] - Fabrication	204	14-Aug-23	23-May-25	30-Jul-25	30-Jul-25		100%																	
A9440	MV-MSWGR 1A/1B - [Pantropic] - On Site	0		27-May-25	30-Jul-25	30-Jul-25		100%																	
IWESC Fuel System		588	22-Aug-22	01-Mar-24	30-Jul-25	30-Jul-25																			
Late Arrival		117	21-Sep-23	14-Apr-25	30-Jul-25	30-Jul-25																			
A10010	Transformer MV-UST-1A (Loveland)	0		14-Apr-25		30-Jul-25		100%																	
A10020	Transformer MV-UST-1B (Loveland)	0		14-Apr-25		30-Jul-25		100%																	
A10070	Phase 2 - Generators	6	21-Sep-23	08-Nov-24	30-Jul-25	30-Jul-25		100%																	
Construction		883	16-May-22		30-Jul-25	11-Nov-25	11																		

CITY OF HOLLYWOOD, FLORIDA
UTILITY CONSTRUCTION PROJECT
CONTRACT CHANGE ORDER No. 5

Page 1 of 1
Change Order No. 5
Date: 5/14/2023

CITY FILE No. 19-9119A

PO No. PFY224105

CONTRACTOR/ ADDRESS: Cardinal Contractors, Inc.
13794 NW 4th Street, Suite 200, Sunrise, FL 33325

PROJECT: DEEP INJECTION WELLS
NO. 3 AND NO. 4 PUMP STATION
TRANSFER FROM ACC.:
CONTRACT DATE: 3/31/2022

ORIGINAL CONTRACT PRICE: \$112,299,970.00
STATEMENT OF CHANGE

IN COMPLIANCE WITH THE ARTICLE 10 AND ARTICLE 11 OF THE GENERAL CONDITIONS IN THE ABOVE REFERENCE CONTRACT, THE CONTRACTOR AND THE CITY DO BOTH HEREBY AGREE THAT THE CONTRACTOR SHALL MAKE THE FOLLOWING CHANGES, ADDITIONS OR DEFLECTIONS TO THE WORK SPECIFIED IN THE PLANS AND SPECIFICATIONS:

DESCRIPTION OF CHANGE	INCREASE	DECREASE
Field Changes		
- THIS CHANGE ORDER IS FOR TIME ONLY -	\$0.00	
All issues impacting time from Notice to Proceed through March 31, 2024.		
All known impacts to the project schedule are addressed by this changer order		
including weather, out of scope emergency work, expected late deliveries of		
electrical equipment, and any other matter effecting the schedule.		
Remaining Contract Contingency Allowance (\$1,728,136.35)		
Contingency Decrease		\$0.00
TOTAL INCREASE/DECREASE IN CONTINGENCY AND ALLOWANCES	\$0.00	\$0.00

This change order includes any amounts for charges in the sequence of work, time extensions, delays, disruptions, re-scheduling, extended overhead, acceleration and/or impact cost.

REMAINING CONTINGENCY	\$1,728,136.35	
CONTRACT PRICE /TIME PRIOR TO THIS CHANGE ORDER:	\$112,299,970.00	1,000 DAYS
NET CHANGE IN CONTRACT PRICE/TIME:	\$0.00	370
REVISED CONTRACT PRICE /TIME WITH CHANGE ORDER	\$112,299,970.00	1,370 DAYS
REVISED COMPLETION DATE: No Change		

APPROVAL BY CONSULTANT

I have examined the above changes. They are necessary to satisfactorily complete the Contract. The price changes are reasonable and I recommend that the changes be made.

RECOMMENDED BY: Mark Hahn DATE: 9/24/2024
Brown and Caldwell

ACCEPTANCE BY CONTRACTOR

I agree that the above changes in said Contract, in accordance with the Specifications for the price changes shown, are satisfactory.

BY: Joe H. Brown / Sr. Project Manager DATE: 9/24/2024
Cardinal Contractors, Inc.

APPROVAL BY CITY OF HOLLYWOOD

The above changes are hereby approved. The contractor is authorized to proceed with these changes and the change shown in the contract price is authorized.

APPROVED BY: JOSH LEVY, MAYOR DATE: 11/25/2024

DocuSigned by:
ATTEST: Patricia A. Cerny
PATRICIA A. CERNY, MMC
CITY CLERK



1580 Sawgrass Corporate Parkway, Suite 400
Sunrise, FL 33323

T: 954.200.7611



May 14, 2024

Ms. Wilhelmina Montero, P.E.
Senior Project Manager
Department of Public Utilities - ECSD
City of Hollywood
1621 N. 14th Avenue
Hollywood, Florida 33022

158421

Subject: Deep Injection Wells No. 3 and No. 4 Pump Station Project
Change Order No. 5 – Time Extension

Dear Ms. Montero:

Please receive this letter as Brown and Caldwell's recommendation to approve Change Order No. 5. This change order facilitates an extension to Cardinal Contractors' contract time period. There is no additional cost associated with this matter.

Attached you will find the contractor's letter dated May 3, 2024 requesting a time extension due to delayed electrical equipment deliveries that are beyond their control. Unfortunately, such delays have become common in the construction industry and the delays are negatively affecting the schedules of many other projects.

Though Cardinal references other days and time periods, we have marked up the letter to clarify the newly proposed dates and time period pertinent to this change order.

Also attached is a brief narrative summarizing the time extension and explaining how the recommended new completion dates were determined.

Original Substantial Completion Date	November 1, 2024
Time Extension	370 days
New Substantial Completion Date	November 6, 2025

Please let me know if you have any questions.

Very truly yours,

Brown and Caldwell

A handwritten signature in blue ink, appearing to read "Mark Harber".

Mark Harber, Construction Manager
Sunrise, Florida

CHANGE ORDER NO. 5 – TIME EXTENSION

NARRATIVE

This time extension covers all changes and project impacts to the construction schedule during the time period of from the Notice to Proceed of May 16, 2022 through March 31, 2024. For the duration of this time period, the General Contractor has identified several different types of project schedule impacts outside of their control which are detailed below.

List of Impacts to project schedule through March 31, 2024

Impact 1	Emergency Work	25	
Impact 2	FPL Vault Redesign	90	
Impact 3	Weather NTP - 12/31/2023	58	64 days of weather less 6 days per contract.
	Concurrency Adjustment	-23	Weather impact concurrent with vault redesign.
Impact 4	Weather 1/1 - 3/31/2024	5	
	Summary of All Impacts		
	Total Days of Impact	155	Total Schedule Impact for Items Listed

Each issue listed above has impacted progress on the schedule. However, it has been determined that a concurrent impact to the schedule exists that will cause the project time to extend far further than the 155 calendar days that stem from Impacts 1 – 4.

The contractor has been informed by its supplier to expect delays to the delivery of the medium voltage switchgear, medium voltage transformers and ancillary equipment. The new expected delivery date is March 31, 2025 for the following specific electrical gear:

- Medium Voltage Primary Unit Substation Transformer MV-UST-1A
- Medium Voltage Primary Unit Substation Transformer MV-UST-1B
- Medium Voltage Generator Switchgear 1A/1B
- Medium Voltage Generator Switchgear 2A/2B
- MV-MTS-1 (for existing North Electrical Services Center)
- MV-MTS-2 (for existing North Electrical Services Center)
- Remote Operator Panels for listed gear.

Total Impact of Expected Late Deliveries 370 Days

The total impact of 370 days is determined as follows:

November 1, 2024 – Original Contract Substantial Completion Date

March 31, 2025 – Expected Late Delivery of Electrical Gear

+ 180 days of gear installation + 20 days of startup +20 days of commissioning

November 6, 2025 – New Substantial Completion Date

180 days of installation is necessary due to many wiring connections to be made to the switchgear and complex programming that must be done to bring the generator system on-line.



May 3, 2024

Mr. Mark Harber, Project Manager
Brown and Caldwell | Hollywood SRWTP
MHarber@Brwnald.com

Re: Hollywood Deep Injection Wells No. 3 and No. 4 Pump Station
Cardinal Job #: 85030, City Project #: 19-9119A
Phase 2 - Contract Time Extension – Arc Flash Switchgear and Transformers Delivery Delays

Mr. Harber,

As a follow-up to our monthly meeting below is the manufacturer delivery delays for the Generators Arc Flash Switchgear and the Wet Transformers. These delays are due to market conditions, a shortage of key components and product demand backlog.

Item	Manufacture Lead Time (After Approval)	Original Delivery	Revised Delivery	Calendar Days Impact
Arc Flash Switchgear MV-GSWGR-1A, 2A MV-GSWGR-2A, 2B	40 Weeks	June 25, 2024	Mar 31, 2025	279
Transformers MV-UST-1A, 1B	80 Weeks	Aug 7, 2024	Mar 31, 2025	204

In addition to the above, there are post-installation tasks that follow the delivery of the Switchgear and Transformers, as well as start-up, testing and commissioning.

Our Project Schedule has an Electrical Installation task of 180 Days, Start-Up 20 Days and Commissioning 20 Days. The cumulative total of the manufacturer delivery delays is 499 Days.

Currently, we are requesting a Contract Time Extension of 344 Days for the manufacturer delivery delays. The 344 Days considers the concurrency of the previously submitted 155 Days for Weather, FPL Vault and the Emergency Work through 2023.

The above request is based on the best-known information. Should further manufacturer delays occur, Cardinal Contractors (Primoris) reserves the right to re-address this matter.

Please review and incorporate into the pending Change Order.

If you have any questions, feel free to give me a call.

Engineer's note: The Revised Delivery date of March 31, 2025 is the basis of Change Order No. 5 and the revised project schedule. March 31, 2025 + 180 days of equipment installation + 20 days of startup + 20 days if commissioning.



Sincerely,

Cardinal Contractors / Primoris Inc.

Joe H. Brown Jr.
Sr. Project Manager

Attachment(s)

CC: Claudette Pearson (Primoris)
Travis Johnson (Primoris)
Michael Brandao (Primoris)

Joe Brown

From: Alonso Chigne Valerga
Sent: Thursday, March 14, 2024 2:19 PM
To: Claudette Pearson
Cc: Joe Brown
Subject: Updated Shipping Dates - Loveland & Pantropic

Claudette,

Please see below as discussed.

Line item	Vendor	MTO Description	Promise shipping date	Ship date actual	Receipt date
21	Loveland	LV-UST-1A Primary Switch	29-Feb-24		29-Feb-24
21A	Loveland	LV-UST-1B Primary Switch	29-Feb-24		29-Feb-24
21B	Loveland	LV-UST-1A Transformer	29-Jun-23		31-Oct-23
21C	Loveland	LV-UST-1B Transformer	29-Jun-23		31-Oct-23
21D	Loveland	LV-UST-2A Primary Switch	26-Apr-24		
21E	Loveland	LV-UST-2B Primary Switch	29-Feb-24		29-Feb-24
21F	Loveland	LV-UST-2A Transformer	29-Jun-23		31-Oct-23
21G	Loveland	LV-UST-2B Transformer	29-Jun-23		31-Oct-23
21H	Loveland	LV-SWGR-2A/2B	13-May-24		
21I	Loveland	LV-SWGR-1A/1B	19-May-24		
21J	Loveland	MV-UST-1A	31-Mar-25		
21K	Loveland	MV-UST-1B	31-Mar-25		
21L	Loveland	SB-1A/1B	03-May-24		
21M	Loveland	SB-2A/2B	29-Feb-24		29-Feb-24

Line item	Vendor	MTO Description	Promise shipping date	Ship date actual
11	Pantropic	MV-GSWGR (IWESC Electrical Room)	31-Mar-25	
11A	Pantropic	MV-MSWGR-1A/1B (IWESC Electrical Room)	31-Mar-25	
11B	Pantropic	Control Panels (IWESC Electrical Room)	31-Mar-25	
11C	Pantropic	DEF Storage Tank (IWESC Electrical Room) (BY OTHERS)	N/A	
11D	Pantropic	Day Tanks (IWESC Electrical Room)	30-Jun-24	
11E	Pantropic	Generator 01 and Generator 02 (IWESC Electrical Room) (Indoor Units)	30-Jun-24	
11F	Pantropic	Automatic Transfer Switches (IWESC Electrical Room)	30-Jun-24	
11G	Pantropic	Station Batteries (IWESC Electrical Room)	31-Mar-25	
11H	Pantropic	MV-SWGR-2A/2B (IWPS2 Electrical Room)	31-Mar-25	
11I	Pantropic	Remote Operator Panels (IWPS2 Electrical Room)	31-Mar-25	
11J	Pantropic	New Generator Set and Enclosure (South Electrical Service Building) (Outdoor Unit)	30-Sep-24	
11K	Pantropic	Modifications to Existing Switchgear (South Electrical Service Building)	30-Jun-24	
11L	Pantropic	Remote Operator Panels (South Electrical Service Building)	31-Mar-25	
11M	Pantropic	MV-MTS-1 (North Electrical Service Building)	31-Mar-25	
11N	Pantropic	MV-MTS-2 (North Electrical Service Building)	31-Mar-25	
11O	Pantropic	Remote Operator Panels (North Electrical Service Building)	31-Mar-25	

Thanks,

Alonso Chigne Valerga
Field Engineer 2 / Materials Manager
Primoris Water & Mechanical
13794 NW 4th St, Suite 200
Sunrise, FL 33325
Cell # (386) 314-7582

85030 - Hollywood Deep Injection Wells 3 and 4 Pump Station - Current						
Activity ID	Activity Name	WBS Name	Original Duration	Start	Finish	Total Float
85030 - Hollywood Deep Injection Wells 3 and 4 Pump Station - Current						
Key Summary			813	16-May-22 A	18-Jul-25	0
Project Milestones			298	06-May-24	14-Jul-25	-107
PH1.1565	Phase 1 Construction Revised - Final Complete	Project Mile:	0	05-Jun-24		187
PH1.1450	Phase 1 Construction Revised - Substantial Complete	Project Mile:	0	06-May-24		187
PH2.9010	Phase 2 Construction - Final Complete	Project Mile:	0	14-Jul-25*		-107
PH2.9000	Phase 2 Construction - Punchlist and Closeout	Project Mile:	60	14-May-25	12-Jul-25	-155
PH2.7190	Phase 2 Construction - Substantial Complete	Project Mile:	0	13-May-25		-155
Project Duration			1018	16-May-22 A	13-May-25	-155
A10000	Project Duration	Project Dur:	1018	16-May-22 A	13-May-25	-155
Key Items			256	15-Jul-24	18-Jul-25	0
A1030	Demobilize	Key Items	5	14-Jul-25	18-Jul-25	0
PH2.7410	Phase 2 - Commissioning	Key Items	20	14-May-25	11-Jun-25	-86
PH2.8050	Phase 2 - Testing	Key Items	20	15-Jul-24	09-Aug-24	83
Procurement			629	06-Sep-22 A	31-Mar-25	-77
Purchase Orders			911	06-Sep-22 A	31-Mar-25	-112
Equipment			718	06-Sep-22 A	19-Sep-24	81
Pumps			718	06-Sep-22 A	19-Sep-24	81
Centrifugal Sample Pumps			718	06-Sep-22 A	19-Sep-24	81
A9280	Centrifugal Sample Pump PMP-1022 [C&V - Flowserve] - Approve Vendor D	Centrifugal S	30	06-Sep-22 A	23-May-24	81
A9290	Centrifugal Sample Pump PMP-1022 [C&V - Flowserve] - Fabrication	Centrifugal S	119	24-May-24	19-Sep-24	81
A9300	Centrifugal Sample Pump PMP-1022 [C&V - Flowserve] - On Site	Centrifugal S	0	19-Sep-24		81
Electrical Building - IWESC			623	18-Jul-23 A	31-Mar-25	-142
Switchgears			623	18-Jul-23 A	31-Mar-25	-142
A9390	MV-GSWGR - [Pantronic] - Fabrication	Switchgears	273	18-Jul-23 A	31-Mar-25	-142
A9400	MV-GSWGR - [Pantronic] - On Site	Switchgears	0	31-Mar-25		-142
A9430	MV-MSWGR 1A/1B - [Pantronic] - Fabrication	Switchgears	204	14-Aug-23 A	31-Mar-25	-142
A9440	MV-MSWGR 1A/1B - [Pantronic] - On Site	Switchgears	0	31-Mar-25		-142
Late Arrival			102	31-Oct-24	31-Mar-25	-107
A10070	Phase 2 - Generators	Late Arrival	0		31-Oct-24*	-5
A10010	Transformer MV-UST-1A (Loveland)	Late Arrival	0		31-Mar-25*	-107
A10020	Transformer MV-UST-1B (Loveland)	Late Arrival	0		25-Mar-25*	-102
Construction			393	25-May-23 A	13-May-25	46
Phase 1 Revised Construction			197	29-Nov-23 A	10-Sep-24	62
Site			12	03-Jun-24	18-Jun-24	66
Yard Pipe			12	03-Jun-24	18-Jun-24	66
WP 350-106 12" PW Section Below Retaining Wall #2			12	03-Jun-24	18-Jun-24	66
PH2.1860	Phase 1 - 12" PW Section Below Retaining Wall #2 - Backfill	WP 350-106	10	05-Jun-24	18-Jun-24	66
PH2.1850	Phase 1 - 12" PW Section Below Retaining Wall #2 - Install Pipe	WP 350-106	10	03-Jun-24*	14-Jun-24	66
Injection Well #4			103	29-Nov-23 A	26-Apr-24	137
Electrical			103	29-Nov-23 A	26-Apr-24	137
IW# 4 Foundation			103	29-Nov-23 A	26-Apr-24	137
A8050	Phase 1 - IW#4 - Install Grounding Grid	IW# 4 Found	1	29-Nov-23 A	24-Apr-24	137
A8100	Phase 1 - IW#4 - Install Light Fixture	IW# 4 Found	1	25-Apr-24	25-Apr-24	137
A8110	Phase 1 - IW#4 - Pull Wire And Terminate Light Fixture	IW# 4 Found	1	26-Apr-24	26-Apr-24	137
Monitoring Well			2	09-Sep-24	10-Sep-24	62
Electrical			2	09-Sep-24	10-Sep-24	62
Start Date: 29-Apr-22 Data Date: 24-Apr-24					Page 1 of 6	
Finish Date: 18-Jul-25 Run Date: 24-Apr-24			TASK filter: Physical % Complete <100%.		© Oracle Corporation	

85030 - Hollywood Deep Injection Wells 3 and 4 Pump Station - Current																																					
Activity ID	Activity Name	WBS Name	Original	Start	Finish	Total Float																															
							2021				2022				2023				2024				2025														
							A	J	J	A	S	N	D	J	F	A	J	J	A	S	N	D	J	F	A	J	J	A	S	N	D	J	F	A	J	J	A
	PH2,7950	Phase 2 - IWESC FDN - Parapet to Elv 34.00 - [3C]	Civil	12	24-Apr-24	09-May-24	84	24-Apr-24 09-May-24																													
	PH2,7980	Phase 2 - IWESC FDN - Parapet to Elv 46.33 - [3C]	Civil	12	24-Apr-24 A	31-May-24	84	24-Apr-24 A 31-May-24																													
	PH2,7990	Phase 2 - IWESC FDN - Topping @ Generator & Switchgear Room - [3C]	Civil	14	10-Jun-24	27-Jun-24	84	10-Jun-24 27-Jun-24																													
	Buildings			133	22-Jan-24 A	07-Oct-24	84	22-Jan-24 A 07-Oct-24																													
	PH2,4510	Phase 2 - IWESC - Install E&I	Buildings	36	24-Apr-24 A	30-Sep-24	48	24-Apr-24 A 30-Sep-24																													
	PH2,3790	Phase 2 - IWESC - Install Masonry Block	Buildings	25	22-Jan-24 A	07-Jun-24	48	22-Jan-24 A 07-Jun-24																													
	PH2,3830	Phase 2 - IWESC - Install MISC and Safety Items	Buildings	20	10-Sep-24	07-Oct-24	84	10-Sep-24 07-Oct-24																													
	PH2,4500	Phase 2 - IWESC - Install Piping	Buildings	36	05-Feb-24 A	20-Sep-24	48	05-Feb-24 A 20-Sep-24																													
	PH2,3820	Phase 2 - IWESC - Install Roof	Buildings	25	05-Aug-24	09-Sep-24	84	05-Aug-24 09-Sep-24																													
	PH2,3780	Phase 2 - IWESC - Install Structural Steel	Buildings	25	28-Jun-24	02-Aug-24	84	28-Jun-24 02-Aug-24																													
	PH2,3810	Phase 2 - IWESC - Install Wall Insulation and Finish System	Buildings	25	16-Jul-24	19-Aug-24	77	16-Jul-24 19-Aug-24																													
	PH2,3800	Phase 2 - IWESC - Install Wall Louvers & Windows - [PAC]	Buildings	25	10-Jun-24	15-Jul-24	77	10-Jun-24 15-Jul-24																													
	Mechanical			90	24-Apr-24	29-Aug-24	69	24-Apr-24 29-Aug-24																													
	PH2,9020	Phase 2 - IWESC - - Set Equipment - [Southern Tank]	Mechanical	90	24-Apr-24	29-Aug-24	69	24-Apr-24 29-Aug-24																													
	PH2,4380	Phase 2 - IWESC - CEM-5011-2 - Set Equipment	Mechanical	5	05-Jul-24	11-Jul-24	94	05-Jul-24 11-Jul-24																													
	PH2,4350	Phase 2 - IWESC - CEM-5012-2 - Set Equipment	Mechanical	5	27-Jun-24	03-Jul-24	94	27-Jun-24 03-Jul-24																													
	PH2,4320	Phase 2 - IWESC - CPR-5011-4 - Set Equipment	Mechanical	5	20-Jun-24	26-Jun-24	94	20-Jun-24 26-Jun-24																													
	PH2,4290	Phase 2 - IWESC - CPR-5012-4 - Set Equipment	Mechanical	5	13-Jun-24	19-Jun-24	94	13-Jun-24 19-Jun-24																													
	PH2,4260	Phase 2 - IWESC - DDC-5011-2 - Set Equipment	Mechanical	5	06-Jun-24	12-Jun-24	94	06-Jun-24 12-Jun-24																													
	PH2,4230	Phase 2 - IWESC - DDC-5012-2 - Set Equipment	Mechanical	5	30-May-24	05-Jun-24	94	30-May-24 05-Jun-24																													
	PH2,4050	Phase 2 - IWESC - DST-5021 - Set Equipment - [Carl Eric Johnson]	Mechanical	5	24-Apr-24	30-Apr-24	94	24-Apr-24 30-Apr-24																													
	PH2,4410	Phase 2 - IWESC - Electrical Switchgear Modules - Set Equipment	Mechanical	5	12-Jul-24	18-Jul-24	94	12-Jul-24 18-Jul-24																													
	PH2,3940	Phase 2 - IWESC - FDT-5011-3 - Set Equipment - [Southern Tank]	Mechanical	5	24-Apr-24	30-Apr-24	140	24-Apr-24 30-Apr-24																													
	PH2,3910	Phase 2 - IWESC - FDT-5012-3 - Set Equipment - [Southern Tank]	Mechanical	5	24-Apr-24	30-Apr-24	69	24-Apr-24 30-Apr-24																													
	PH2,4200	Phase 2 - IWESC - GEN-5011-2 - Set Equipment	Mechanical	5	22-May-24	29-May-24	94	22-May-24 29-May-24																													
	PH2,4170	Phase 2 - IWESC - GEN-5012-2 - Set Equipment	Mechanical	5	15-May-24	21-May-24	94	15-May-24 21-May-24																													
	PH2,4430	Phase 2 - IWESC - Install Fuel Pipe Trench Grating	Mechanical	5	19-Jul-24	25-Jul-24	94	19-Jul-24 25-Jul-24																													
	PH2,4440	Phase 2 - IWESC - Install Ladders & Handrails	Mechanical	5	24-Apr-24	30-Apr-24	154	24-Apr-24 30-Apr-24																													
	PH2,4010	Phase 2 - IWESC - PMP-5011-3 - Set Equipment - [Southern Tank]	Mechanical	5	08-May-24	14-May-24	140	08-May-24 14-May-24																													
	PH2,3970	Phase 2 - IWESC - PMP-5012-3 - Set Equipment - [Southern Tank]	Mechanical	5	01-May-24	07-May-24	140	01-May-24 07-May-24																													
	PH2,4130	Phase 2 - IWESC - PMP-5021-1 - Set Equipment	Mechanical	5	08-May-24	14-May-24	94	08-May-24 14-May-24																													
	PH2,4090	Phase 2 - IWESC - PMP-5021-2 - Set Equipment	Mechanical	5	01-May-24	07-May-24	94	01-May-24 07-May-24																													
	Yard Pipe			50	24-Apr-24 A	31-Jul-24	90	24-Apr-24 A 31-Jul-24																													
	PH2,5760	Phase 2 - IWESC - 1" DEF - Install - [Southern Tank]	Yard Pipe	5	13-Jun-24	19-Jun-24	119	13-Jun-24 19-Jun-24																													
	PH2,5910	Phase 2 - IWESC - 1" EE - ENGINE EXHAUST - Install	Yard Pipe	5	13-Jun-24	19-Jun-24	119	13-Jun-24 19-Jun-24																													
	PH2,5820	Phase 2 - IWESC - 1/2" (X2) & 1" (X2) FOR & FOS - Install - [Southern Tank]	Yard Pipe	5	24-Jun-24																																