

Submittal Review Response

		Project Name:	Hilo WWTP Rehabilitation and Replace	ement Project Phase 1					
		Submittal No.:	01321-002.0						
		Date:	5/22/2025						
Client: <u>(</u>	County of I	Hawai'i	Carollo Project No.:	203975					
Contractor: N	lan, Inc.								
Submittal Name: _ F	Preliminary	/ Schedule							
Reviewed By: (Gavin Goo								
SUE	MITTAL	REVIEW							
quantities, dimension comments. Refer to \$	s, and det Section 01	ails. No deviation or variation is	responsibility is assumed by Carollo for co approved unless specifically addressed in . The Contractor shall assume full responsi requirements.	these review					
		No Exceptions							
Approved		Make Corrections Noted - See	Comments						
		Make Corrections Noted - Cor	nfirm						
Not Approved	\boxtimes	Correct and Resubmit							
Not Approved		Rejected - See Remarks							
Receipt Acknowledge		Filed for Record	or Record						
Neceipi Ackilowieugi	au 🗆	With Comments - Resubmit							

Review Comments:

- 1. Schedule does not meet specification requirements as listed in Sections 1.10 and 1.11, including but not limited to activity durations and cost, resource and cost loading, subcontractor sign off, commissioning activities, and major equipment submittals.
- 2. Ensure the schedule identifies the activities listed in Section 1.11.I
- 3. Submit cost breakdown separately. Prepare Detailed Breakdown of Project Costs as specified in Specification 01292

CONTRACTOR SUBMITTAL TRANSMITTAL FORM

Owner:	County of Hawaii	Date:	5/7/2025							
Contractor:	Nan, Inc.	Project No.:	WW-4705R							
Project Name:	Hilo WWTP Phase 1	Submittal Number:	01321-002.0							
Submittal Title:	Preliminary schedule									
To:	County									
From:	Nan Inc.									
	Specification No. and Subject o	f Submittal / Equipment Supplier								
Spec ##:	01321 Subject:	Preliminary schedule								
Authored By:	Marshall Rucknagel	Date Submitted:	5/7/2025							
	Submittal	Certification								
Check Either (A) or	· (B):									
X (A)		r material contained in this submittal meet nanual or shown on the contract drawings								
(B)	(B) We have verified that the equipment or material contained in this submittal meets all the requirements specified in the project manual or shown on the contract drawings except for the deviations listed.									
field construction cri	Certification Statement: By this submittal, I hereby represent that I have determined and verified all field measurements, field construction criteria, materials, dimensions, catalog numbers and similar data, and I have checked and coordinated each item with other applicable approved shop drawings and all Contract requirements.									
General Contractor	's Reviewer's Signature:	lmig								
	Fitle: Marshall Rucknagel - Project Er									
		or will cause a change to the requirement Contractor considers the response to be a 0								
Firm:	Signature:	Date Returned:								
	PM/CM	Office Use								
Date Received GC to	PM/CM:									
Date Received PM/C	CM to Reviewer:									
Date Received Revie	ewer to PM/CM:									
Date Sent PM/CM to	o GC:									
	Nan, Inc									
PROJECT: HILO WWT AND REPLA	P REHABILITATION CEMENT PROJECT - PHASE 1									
JOB NO. WW-4705R										
THIS SUBMITTAL HAS BEEN CHECKED BY THIS CONTRACTOR. IT IS CERTIFIED CORRECT, COMPLETE, AND IN COMPLIANCE WITH CONTRACT DRAWINGS AND SPECIFICATIONS. ALL AFFECTED CONTRACTORS AND SUPPLIERS ARE AWARE OF, AND WILL INTEGRATE THIS SUBMITTAL (UPON APPROVAL) INTO THEIR OWN WORK.										
DATE RECEIVED SPECIFICATION SEC SPECIFICATION PARAGRAPH DRAWING SUBCONTRACTOR SUPPLIER	1.02									

CERTIFIED BY:____Nan, Inc.____

SECTION 01321

SCHEDULES AND REPORTS

PART 1 GENERAL

1.01 SUMMARY

A. Section includes: Schedules and reports.

1.02 SUBMITTAL REQUIREMENTS

- A. Submit preliminary and baseline schedule.
 - B. Submit preliminary and baseline Detailed Breakdown of Project Costs.
 - C. Submit preliminary and baseline schedule of submittals.
 - D. Submit, on a monthly basis, updated schedules as specified.
 - E. Submit final schedule update as specified.
 - F. Submit revised schedules and time impact analyses as specified.
 - G. Submit schedules in the media and number of copies as follows:
 - 1. Provide each submittal in PDF format and in other formats specified in this Section.
 - 2. 3 sets of the CPM network and/or bar chart (as specified by the Owner) on D-size sheets.
 - a. Color-coding to be specified by the Owner.
 - 3. 3 sets of tabular reports listing all activities sorted numerically identifying duration, early start, late start, early finish, late finish, total float, and all predecessor/successor information.
 - 4. 2 sets of CPM Schedule data electronic files in a native backed-up file (.xer).

1.03 SCHEDULER

- A. Designate, in writing and within 5 calendar days after Notice of Award, the person responsible for preparation, maintenance, updating, and revision of all schedules.
- B. Qualifications of scheduler:
 - 1. Authority to act on behalf of Contractor.
 - 2. A minimum of 8 years verifiable experience in preparation of construction schedules for projects of similar value, size, and complexity.
 - 3. Knowledge of critical path method (CPM) scheduling utilizing Primavera P6 Professional software.

1.13 PRELIMINARY SCHEDULE AND PRELIMINARY DETAILED BREAKDOWN OF PROJECT COSTS

A. Due date:

- 1. Submit proposed preliminary schedule and Preliminary Detailed Breakdown of Project Costs within 14 calendar days after Notice to Proceed.
- 2. Meet with Engineer within 7 calendar days after receipt of Preliminary Schedule and Preliminary Detailed Breakdown of Project Costs to review and make necessary adjustments.
- 3. Submit revised preliminary schedule and Preliminary Detailed Breakdown of Project Costs within 5 calendar days after meeting.
- 4. Update Preliminary Schedule and Preliminary Detailed Breakdown of Project Costs monthly during first 90 calendar days after Notice to Proceed.
 - a. Use Preliminary Schedule and Preliminary Detailed Breakdown of Project Costs as the payment application as specified in Section 01294 Applications for Payment.

B. Format:

- Schedule of manpower and costs for all activities for first 90 calendar days of Work after receipt of Notice to Proceed.
 - a. Provide realistic and level manpower and costs so as not to have unusual manpower requirements.
- 2. Schedule of costs:
 - Detailed Breakdown of Project Costs as specified in Section 01292 Detailed Breakdown of Project Costs for first 90 calendar days of Work.
 - Submittal and acceptance of Preliminary Schedule is condition precedent to making of progress payments as specified in Section 01294 -Applications for Payment and payments for mobilization costs otherwise provided for in the Contract.
 - c. Proceed with pay item Work after Preliminary Schedule and schedule of costs have been accepted by Owner.
- C. Incorporate unchanged, the accepted Preliminary Schedule as first 90 calendar days of activity in Contractor's Baseline Schedule.

1.14 SCHEDULE OF SUBMITTALS

- A. Schedule of Submittals shall include submittals required in the Contract Documents but not limited to test plans, training plans, test procedures, operation and maintenance manuals, shop drawings, samples, record documents, and specifically required certificates, warranties, and service agreements.
 - 1. Data for "Or Equals" or substitutions shall be submitted with the Schedule of Submittals.
- B. Preliminary Schedule of Submittals:
 - Due date: After Preliminary Schedule has been submitted and accepted by Owner.
 - 2. Format:
 - a. Include submittals anticipated in the first 90 calendar days after award of contract using early start dates.
 - b. Indicate week and month anticipated for submittal to Engineer.

Hilo WWTP Rehabilitation and Replacement Project Phase 1 Job No. WW-4705R Waiakea, Hilo, Hawaii

Time Scaled Network Diagram

Schedule: Hilo WWWTP Phase 1 - Prelim. N0PA DD.24-Feb-25 Schedule ID: Hilo WWTP - N0PA

tivity ID	Activity Name		Orig Dur	Rem Dur	Start	Finish	Total Float	Budgeted Total Cost	 2025 2026 2027 2028 2029 2030 2031 203
Hilo WAAAAT	P Phase 1 - Prelim. N0PA DD.24-Feb-25		1347	1347	24-Feb-25	30-Jul-30		\$337,005,043.00	
	P Pridse 1 - Prelim. NuPA DD.24-Feb-25							· · · ·	
Milestones			1983	1983	24-Feb-25	30-Jul-30	0	\$0.00	
00-100000	Contract Award/Notice to Proceed		0	0	24-Feb-25		0	\$0.00	Contract Award/Notice to Proceed
00-101300	Milestone 1 - Headworks Emergency System and Mods to Primary Influent Channel (not	tied in)	0	0		24-Feb-25	1983	\$0.00	Milestone 1 - Headworks Emergency System and Mods to Primary Influent Channel (not tied in)
00-101400	Milestone 3 - Complete Electrical Work (not tied in)		0	0		24-Feb-25	1983	\$0.00	Milestone 3 - Complete Electrical Work (not tied in)
00-101210	Owner Preparation of Notice to Proceed (Fieldwork)		150	150	24-Feb-25	23-Jul-25	0	\$0.00	Owner Preparation of Notice to Proceed (Fieldwork)
00-101200	Notice to Proceed (Fieldwork) - date TBD, expected at constraint		0	0	24-Jul-25		0	\$0.00	Notice to Proceed (Fieldwork) - date TBD, expected at constraint
00-101500	Milestone 4 (Additive Alt. 1 Not Included) - Project Substantial Completion		0	0		25-Jan-30	2	\$0.00	Milestone 4 (Additive Alt. 1 Not
00-101600	Projected Completion Date		0	0		29-Jul-30	1	\$0.00	Projected Completion D
00-101800	Project Float (LOE)		1	1	30-Jul-30	30-Jul-30	0	\$0.00	roject Float (LOE)
	Contract Completion Date (Field NTP (July 31, 2025) + 1825 Calendar Days = July 30, 20	030)	0	0		30-Jul-30*	0	\$0.00	◆ Contract Completion Da
Administrati	ion/Pre-Construction		95	95	24-Feb-25	13-Jul-25	37	\$6,724,779.27	
Preconstruction	on / Permits		95	95	24-Feb-25	13-Jul-25	37	\$6,724,779.27	
Precon Group	1		121		24-Feb-25	24-Jun-25		\$0.00	
Personnel			60	60	24-Feb-25	24-Apr-25	90	\$0.00	
Prep & Subm			30	30	24-Feb-25	25-Mar-25	90	\$0.00	
	Prep & Submit - Designated Licensed Engineer QC Specialist (60 after NTP, 60 before m	obilization) (02256)	15	15	24-Feb-25	10-Mar-25	60	\$0.00	, ,
	Prep & Submit - Designated Satefy Officer (Rodney) (01000)		30	30	24-Feb-25	25-Mar-25	90	\$0.00	
	Prep & Submit - Designated Startup Coordinator (TSC) Qualifications (01756)		30	30	24-Feb-25	25-Mar-25	60	\$0.00	
	Prep & Submit - Designated Training Coordinator (01756)		30	30	24-Feb-25	25-Mar-25	90	\$0.00	
	Prep & Submit - Designated Structural Engineer for Temporary Bypass Pipe and Pipe Su	,	30	30	24-Feb-25	25-Mar-25	30	\$0.00	
	Prep & Submit - Designated Certified Industrial Hygenist for Hazmat Removal Work Plan	(01354)	30	30	24-Feb-25	25-Mar-25	30	\$0.00	
00-107900	Prep & Submit - Designated Structural Engineer for Project Signs (01500)		30	30	24-Feb-25	25-Mar-25	56	\$0.00	Prep & Submit - Designated Structural Engineer for Project Signs (0150 <mark>)</mark>)
00-108000	Prep & Submit - Designated Licensed Engineer for Solid Waste Management Plan (0173	38)	30	30	24-Feb-25	25-Mar-25	30	\$0.00	
00-108100	Prep & Submit - Designated Licensed Engineer for Vibration Monitoring Program (Rock F	Removal - 02238)	30	30	24-Feb-25	25-Mar-25	30	\$0.00	Prep & Submit - Designated Licensed Engineer for Vibration Monitoring Progr <mark>am</mark> (Rock Removal - 02238)
00-108200	Prep & Submit - Designated Civil Engineer for Dewatering Plan (02240)		30	30	24-Feb-25	25-Mar-25	30	\$0.00	Prep & Submit - Designated Civil Engineer for Dewatering Plan (02240)
00-108300	Prep & Submit - Designated Civil/Geotechnical Engineer for Shoring Design (02260)		30	30	24-Feb-25	25-Mar-25	30	\$0.00	Prep & Submit - Designated Civil/Geotechnical Engineer for Shoring De <mark>s</mark> ign (<mark>1</mark> 2 2 60)
00-108400	Prep & Submit - Designated Stormwater Pollution Prevention Plan (SWPPP) Consultant ((Imata) (01573)	30	30	24-Feb-25	25-Mar-25	30	\$0.00	Prep & Submit - Designated Stormwater Pollution Prevention Plan (SWPPP) Consultant (Imata) (01573)
Review & Ap			45	45	11-Mar-25	24-Apr-25	90	\$0.00	
	Review & Approve - Designated Licensed Engineer QC Specialist (02256)		30	30	11-Mar-25	09-Apr-25	60		Review & Approve - Designated Licensed Engineer QC Specialist (02256)
	Review & Approve - Designated Startup Coordinator (TSC) Qualifications (01756)		30	30	26-Mar-25	24-Apr-25	60		Review & Approve - Designated Startup Coordinator (TSC) Qualification (01 <mark>75</mark> 6)
	Review & Approve - Designated Training Coordinator (01756)		30	30	26-Mar-25	24-Apr-25	90		Review & Approve - Designated Training Coordinator (01756)
	Review & Approve - Designated Structural Engineer for Temporary Bypass Pipe and Pipe		30	30	26-Mar-25	24-Apr-25	30		Review & Approve - Designated Structural Engineer for Temporary Bypass Pipe and Pipe Supports (01140
	Review & Approve - Designated Certified Industrial Hygenist for Hazmat Removal Work P	lan (01354)	30	30	26-Mar-25	24-Apr-25	30		Review & Approve - Designated Certified Industrial Hygenist for Hazma: Removal Work Plan (01354)
	Review & Approve - Designated Structural Engineer for Project Signs (01500)		30	30	26-Mar-25	24-Apr-25	56		Review & Approve - Designated Structural Engineer for Project Signs (11500)
	Review & Approve - Designated Licensed Engineer for Solid Waste Management Plan (0		30	30	26-Mar-25	24-Apr-25	30		Review & Approve - Designated Licensed Engineer for Solid Waste Manage ment Plan (01738)
	Review & Approve - Designated Licensed Engineer for Vibration Monitoring Program (Roo	ck Removal - 02238)	30	30	26-Mar-25	24-Apr-25	30		Review & Approve - Designated Licensed Engineer for Vibration Monitoring Program (Rock Removal - 022)
	Review & Approve - Designated Civil Engineer for Dewatering Plan (02240)		30	30	26-Mar-25	24-Apr-25	30		Review & Approve - Designated Civil Engineer for Dewatering Plan (02240)
	Review & Approve - Designated Civil/Geotechnical Engineer for Shoring Design (02260)		30	30	26-Mar-25	24-Apr-25	30		Review & Approve - Designated Civil/Geotechnical Engineer for Shoring Design (02260)
	Review & Approve - Designated Stormwater Pollution Prevention Plan (SWPPP) Consultation	ant (Imata) (01573)	30	30	26-Mar-25	24-Apr-25	30		Review & Approve - Designated Stormwater Pollution Prevention Plan SWPPF) Consultant (Imata) (01573
	Review & Approve - Designated Satefy Officer (Rodney) (01000)		30	30	26-Mar-25	24-Apr-25	90		Review & Approve - Designated Satefy Officer (Rodney) (01000)
Meetings 013			121	121	24-Feb-25	24-Jun-25	29	\$0.00	
	Pre-Construction Conference		30	30	24-Feb-25	25-Mar-25	120		Pre-Construction Conference
	Document Management Software Training		30	30	24-Feb-25	25-Mar-25	120	\$0.00	r-
	Pre-Submittal Conference		30	30	24-Feb-25	25-Mar-25	120	\$0.00	
	Schedule Pre-Construction Safety Conference		120	120	24-Feb-25	23-Jun-25	29	\$0.00	Schedule Pre-Construction Safety Conference
00-109900 Pre-Construction Safety Conference (at mobilization)				1	24-Jun-25	24-Jun-25	29	\$0.00	Pre-Construction Safety Conference (at mobilization)
	nd Reports 01321		104	104	24-Feb-25	07-Jun-25	46	\$0.00	Thur & Output Designated Output date (5.1 - 5. ATT)
	Prep & Submit - Designated Scheduler (5 days after NTP)	(AFFD)	5	5	24-Feb-25	28-Feb-25	46	\$0.00	
	Prep & Submit - Preliminary Schedule and Detailed Breakdown of Project Costs (14 days	aπer NIP)	9	9	01-Mar-25	09-Mar-25	76	\$0.00	U
00-111100	Pre-Construction Scheduling Meeting (14 days after NTP)		9	9	01-Mar-25	09-Mar-25	46	\$0.00	Pre-Construction Scheduling Meeting (14 days after NTP)
Actual Wo			Paç	ge 1 of 4				Nan, Inc.	

Hilo WWTP Rehabilitation and Replacement Project Phase 1 Job No. WW-4705R

Waiakea, Hilo, Hawaii

Time Scaled Network Diagram

Schedule: Hilo WWWTP Phase 1 - Prelim. N0PA DD.24-Feb-25 Schedule ID: Hilo WWTP - N0PA

Activity ID	Activity Name	Orig	Rem	Start	Finish	Total	Budgeted Total	2025 2026 2027 2028 2029 2030 2031 2032
		Dur	Dur			Float	Cost	
00-111200	Prep & Submit - Project Baseline Schedule (and Detailed Breakdown of Project Costs) (45 days after NTP)	30	30	10-Mar-25	08-Apr-25	46		Prep & Submit - Project Baseline Schedule (and Detailed Breakdown of Project Costs) (45 days after NTP)
00-111300	Review & Approve - Preliminary Schedule and Detailed Breakdown of Project Costs	30	30	10-Mar-25	08-Apr-25	76	\$0.00	H⊒
00-111400	Prep & Submit - Preliminary Schedule of Submittals	30	30	09-Apr-25	08-May-25	76		Prep & Submit - Preliminary Schedule of Submittals
00-111500	Review & Approve - Project Baseline Schedule (and Detailed Breakdown of Project Costs)	30	30	09-Apr-25	08-May-25	46		Review & Approve - Project Baseline Schedule (and Detailed Breakdown of Project Costs)
00-111600	Prep & Submit - Commissioning Schedule (90 days after NTP)	30	30	25-Apr-25	24-May-25	60	\$0.00	Prep & Submit - Commissioning Schedule (90 days after NTP)
	Prep & Submit - Final Schedule of Submittals (30 days after approval of baseline schedule)	30	30	09-May-25	07-Jun-25	46	\$0.00	Prep & Submit - Final Schedule of Submittals (30 days after approval of baseline schedule)
	quality Control Plan 01460	90	90	24-Feb-25	24-May-25	60	\$0.00	
	Prep & Submit - Qualifications of the Contractor's Quality Control (CQC) Plan Manager	15	15	24-Feb-25	10-Mar-25	60	\$0.00	ш I '
		30	30	11-Mar-25	09-Apr-25	60	\$0.00	从 ⊒. ∤
	Prep & Submit - Contractor Quality Control (CQC) Plan (60 days after NTP)	15	15	10-Apr-25	24-Apr-25	60	\$0.00	
	Review & Approve - Contractor Quality Control (CQC) Plan	30	30	25-Apr-25	24-May-25	60	\$0.00	Review & Approve - Contractor Quality Control (CQC) Plan
Field Enginee		120	120	24-Feb-25	23-Jun-25	30	\$0.00	
	Prep & Submit - Qualifications of Professional Land Surveyor	30	30	24-Feb-25	25-Mar-25	30	\$0.00	
	Review & Approve - Qualifications of Professional Land Surveyor	30	30	26-Mar-25	24-Apr-25	30		Review & Approve - Qualifications of Professional Land Surveyor
	Prep & Submit - Pre-Excavation Report	30	30	25-Apr-25	24-May-25	30	\$0.00	Ⅱ┍═╃╕╴╵
	Review & Approve - Pre-Excavation Report	30	30	25-May-25	23-Jun-25	30		Review & Approve - Pre-Excavation Report
	Probing and Grouting 02256	45	45	10-Apr-25	24-May-25	60	\$0.00	
	Prep & Submit - Licensed Engineer Probe and Grout Work Plan (60 after NTP, 60 before mob)	15	15	10-Apr-25	24-Apr-25	60		Prep & Submit - Licensed Engineer Probe and Grout Work Plan (60 after NTP, 60 before mob)
	Prep & Submit - Licensed Engineer Probe and Grout Reports and Records (60 after NTP, 60 before mob)	15	15	10-Apr-25	24-Apr-25	60	\$0.00	
	Review & Approve - Licensed Engineer Probe and Grout Work Plan	30	30	25-Apr-25	24-May-25	60	\$0.00	T
00-113100	Review & Approve - Licensed Engineer Probe and Grout Reports and Records	30	30	25-Apr-25	24-May-25	60	\$0.00	Review & Approve - Licensed Engineer Probe and Grout Reports and Reco <mark>rds</mark>
Precon Group		82	82	24-Feb-25	23-Jun-25	21	\$6,724,779.27	
00-101910	HOLD on Precon Group 2	20	20	24-Feb-25	15-Mar-25	53	\$0.00	HOLD on Precon Group 2
General		82	82	24-Feb-25	23-Jun-25	21	\$6,724,779.27	· · · · · · · · · · · · · · · · · · ·
00-101900	Obtain and Submit - Performance and Payment Bonds for Contract Work	30	30	16-Mar-25	14-Apr-25	100	\$2,771,131.00	Obtain and Submit - Performance and Payment Bonds for Contract Work
00-102000	Obtain and Submit - Certificate of Insurance	30	30	16-Mar-25	14-Apr-25	100		Obtain and Submit - Certificate of Insurance
00-102800	Obtain and Submit - Builder's Risk Insurance (01000)	30	30	16-Mar-25	14-Apr-25	100	\$3,953,648.27	Obtain and Submit - Builder's Risk Insurance (01000)
00-102100	Erect Structural Engineer Project ID Sign (30 days after NTP) (01500) - NO HOLD - may not need engineer, confirm	21	21	25-Apr-25	23-May-25	38	\$0.00	Frect Structural Engineer Project ID Sign (30 days after NTP) (01500) - NO HOLD - may not need engineer, 🕻
Prep & Subn	mit	90	90	24-Feb-25	24-May-25	30	\$0.00	
00-102200	Prep & Submit - Sample of Change Order Cost Basis Summary Form (15 days after NTP) (01260) - NO HOLD	15	15	24-Feb-25	10-Mar-25	105	\$0.00	Prep & Submit - Sample of Change Order Cost Basis Summary Form (1 <mark>5</mark> day <mark>s</mark> after NTP) (01260) - NO HOLD
00-102300	Prep & Submit - Site Safety and Health Plan	30	30	16-Mar-25	14-Apr-25	53	\$0.00	
	Prep & Submit - Moisture Vapor and Alkalinity Testing Agency Qualifications (01452)	30	30	16-Mar-25	14-Apr-25	70	\$0.00	
00-102500	Prep & Submit - Special Certifications for Designated Seismic Systems and Wind Load (01455)	30	30	16-Mar-25	14-Apr-25	70	\$0.00	
00-102600	Prep & Submit - Traffic Control Plan (01734)	30	30	16-Mar-25	14-Apr-25	70	\$0.00	Prep & Submit - Traffic Control Plan (01734)
	Prep & Submit - Disinfection Plan With Reports and Permits (01757)	30	30	16-Mar-25	14-Apr-25	70		Prep & Submit - Disinfection Plan With Reports and Permits (01757)
	Prep & Submit - Layout/Traffic/Laydown Plan for Mobilization (01000)	30	30	16-Mar-25	14-Apr-25	70		Prep & Submit - Layout/Traffic/Laydown Plan for Mobilization (01000)
00-103000	Prep & Submit - Certified Industrial Hygenist Hazmat Removal Work Plan (01354)	30	30	25-Apr-25	24-May-25	30	\$0.00	Prep & Submit - Certified Industrial Hygenist Hazmat Removal Work Plan (<mark>(</mark> 1354)
Review & Ap	pprove	100	100	16-Mar-25	23-Jun-25	30	\$0.00	
	Review & Approve - Sample of Change Order Cost Basis Summary Form (01260)	30	30	16-Mar-25	14-Apr-25	100		Review & Approve - Sample of Change Order Cost Basis Summary Form (01 <mark>26</mark> 0)
	Review & Approve - Layout/Traffic/Laydown Plan for Mobilization (01000)	30	30	15-Apr-25	14-May-25	70	\$0.00	Review & Approve - Layout/Traffic/Laydown Plan for Mobilization (010 <mark>0</mark> 0)
	Review & Approve - Site Safety and Health Plan	30	30	15-Apr-25	14-May-25	53	\$0.00	▊▟▃▋ ''
	Review & Approve - Moisture Vapor and Alkalinity Testing Agency Qualifications (01452)	30	30	15-Apr-25	14-May-25	70	\$0.00	
	Review & Approve - Special Certifications for Designated Seismic Systems and Wind Load (01455)	30	30	15-Apr-25	14-May-25	70	\$0.00	
	Review & Approve - Traffic Control Plan (01734)	30	30	15-Apr-25	14-May-25	70	\$0.00	NH - 1
00-103600	Review & Approve - Disinfection Plan With Reports and Permits (01757)	30	30	15-Apr-25	14-May-25	70	\$0.00	Review & Approve - Disinfection Plan With Reports and Permits (0175 <mark>7</mark>)
00-103900	Review & Approve - Certified Industrial Hygenist Hazmat Removal Work Plan (01354)	30	30	25-May-25	23-Jun-25	30	\$0.00	Review & Approve - Certified Industrial Hygenist Hazmat Removal Work Plan (01354)
Precon Group	3	120	120	24-Feb-25	23-Jun-25	30	\$0.00	
00-110210	HOLD on Precon Group 3	40	40	24-Feb-25	04-Apr-25	50	\$0.00	HOLD on Precon Group 3
Work Restric	ctions 01140	80	80	05-Apr-25	23-Jun-25	30	\$0.00	
00-110200	Prep & Submit - Baseline Schedule with MOP tasks.	30	30	05-Apr-25	04-May-25	80	\$0.00	
00-110300	Prep & Submit - Structural Engineer Designs for Temporary Bypass Pipe and Pipe Supports (01140)	30	30	25-Apr-25	24-May-25	30	\$0.00	Prep & Submit - Structural Engineer Designs for Temporary Bypass P pe and Pipe Supports (01140)
	Review & Approve - Structural Engineer Designs for Temporary Bypass Pipe and Pipe Supports (01140)	30	30	25-May-25	23-Jun-25	30	\$0.00	Review & Approve - Structural Engineer Designs for Temporary Bypass Pipe and Pipe Supports (01140)
	nd Monitoring Requirements 01150	60	60	05-Apr-25	03-Jun-25	50	\$0.00	
Actual W			Pa	ge 2 of 4				Nan, Inc.
Kemainin	ng Work Remaining Level of Effort							Ivan, m.

Hilo WWTP Rehabilitation and Replacement Project Phase 1 Job No. WW-4705R

Waiakea, Hilo, Hawaii

Time Scaled Network Diagram

Schedule: Hilo WWWTP Phase 1 - Prelim. N0PA DD.24-Feb-25 Schedule ID: Hilo WWTP - N0PA

Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	Total Float	Budgeted Total Cost	2	2025 2020		2028	2029	2030	2031 2032
		Dui	Dui			1 loat						<u> 41111111111111</u>		
00-110500	Prep & Submit - Dust Control Management Plan	30	30	05-Apr-25	04-May-25	50			Prep & Submit - D					
00-110600	Prep & Submit - Qualifications of Wildlife Biologist Performing Hawaiian Geese Surveys	30	30	05-Apr-25	04-May-25	50	\$0.00				Idlife Biologist Perfor	ming Hawaiian Ge	ese Surveys	
	Review & Approve - Dust Control Management Plan	30	30	05-May-25	03-Jun-25	50	\$0.00	10: 6		e - Dust Control M	•		11	
	Review & Approve - Qualifications of Wildlife Biologist Performing Hawaiian Geese Surveys	30	30	05-May-25	03-Jun-25	50	\$0.00		Review & Approv	e - Qualifications	of Wildlife Biologist P	erforming Hav <mark>v</mark> ailar	n Geese Surveys	i
	esign Procedures 01357	30	30	05-Apr-25	04-May-25	80	\$0.00	lili d					11	
	Prep & Submit - Contractor's Professional Engineer Qualifications/Requirements (for all)	30	30	05-Apr-25	04-May-25	80	\$0.00	+			sional Engineer Qua			
	Prep & Submit - Contractor's Professional Engineer Professional Liability Insurance Certificate	30	30	05-Apr-25	04-May-25	80	\$0.00	i Ri:	Prep & Submit - C	ontractor's Profes	sional Engineer Profe	essional Liability In	surance Certifica	te
	Support and Protection 02260	80	80	05-Apr-25	23-Jun-25	30	\$0.00							l
Prep & Subr	,	50	50	05-Apr-25	24-May-25	30	\$0.00	_						l
	Prep & Submit - Location and Details of Control Points, Survey Data	30	30	05-Apr-25	04-May-25	50			•		s of Control Points, S			
	Prep & Submit - Detailed Sequence of Installation and Removal of Shoring	30	30	05-Apr-25	04-May-25	50	\$0.00	1 H			of Installation and R			
	Prep & Submit - Civil/Geotechnical Engineer Excavation and Support Shop Drawings and Calcs (Shoring)	30	30	25-Apr-25	24-May-25	30	\$0.00				Engineer Excavation			
	Prep & Submit - Licensed Engineer Vibration Monitoring Program (Rock Removal - 02238)	30	30	25-Apr-25	24-May-25	30	\$0.00			_	Vibration Monitoring			l
	Prep & Submit - Civil Engineer Dewatering Plan and Other Dewatering Submittals (02240)	30	30	25-Apr-25	24-May-25	30	\$0.00		Prep & Submit - 0	JIVII Engineer Dew	atering Plan and Oth	ier Dewatering Sui	omittais (02240)	
Review & Ap		50	50	05-May-25	23-Jun-25	30	\$0.00		Douisuu & Approx	a Location and F	Ostaila of Control Dai	nto Sun (o) (Dato		
	Review & Approve - Location and Details of Control Points, Survey Data Review & Approve - Detailed Sequence of Installation and Removal of Shoring	30	30	05-May-25	03-Jun-25	50	\$0.00	₽ ₽ }- 			Details of Control Poi		dring	
	Review & Approve - Detailed Sequence of Installation and Removal of Shoring Review & Approve - Civil/Geotechnical Engineer Excavation and Support Shop Drawings and Calcs (Shoring)	30	30	05-May-25 25-May-25	03-Jun-25	50	\$0.00	1111 E	· -	•	ence of Installation a nical Engineer Excav		-	and Calas (Sharin -
	Review & Approve - Civil/Geotechnical Engineer Excavation and Support Shop Drawings and Calcs (Shoring) Review & Approve - Licensed Engineer Vibration Monitoring Program (Rock Removal - 02238)	30	30	25-May-25 25-May-25	23-Jun-25 23-Jun-25	30	\$0.00	1111 L			nical Engineer Excavineer Vibration Monit			
	Review & Approve - Licensed Engineer Vibration Monitoring Program (Rock Removal - 02238) Review & Approve - Civil Engineer Dewatering Plan and Other Dewatering Submittals (02240)	30	30	25-May-25	23-Jun-25 23-Jun-25	30	\$0.00	4 8 11 1 1-			Dewatering Plan and			
Precon Group		140		24-Feb-25	13-Jul-25	53	\$0.00		Neview & Applo	ve - Givii Liigiileei	Dewatering Flan and	1 Other Dewaleling	g Submittais (022	.40)
	HOLD on Precon Group 4	60	60	24-Feb-25	24-Apr-25	30	The second secon		HOLD on Precon (
Permits	110Lb of Frewit Gloup 4	80	80	25-Apr-25	13-Jul-25	53	\$0.00	 	HOLD OILFIECOIL	310up 4				,
Prep & Subr	mit	50	50	25-Apr-25	13-Jun-25	53	\$0.00							,
	Prep & Submit - Consultant's Stormwater Pollution Prevention Plan (SWPPP) and NPDES Permits, Forms C, F (01573)	30	30	25-Apr-25	24-May-25	30	\$0.00		Pren & Suhmit - (Consultant's Storm	water Pollution Prev	ention Plan (SWP	P) and NPDES	Permits Forms C
	Prep & Submit - Licensed Engineer Solid Waste Management Plan, Demolition Diversion Report (01738)	30	30	25-Apr-25	24-May-25	30	\$0.00	1 1 12 : - 1			Solid Waste Manag	`	1 1	
	Prep & Submit - Grading Permit - County	30	30	25-Apr-25	24-May-25	30	\$0.00	1 1 1 1 1 1 1 1	Prep & Submit - 0			Cirione rian, bonn	DINOTO DIVOIDIONI	(01700)
	Prep & Submit - Plan Approval - County	30	30	25-Apr-25	24-May-25	30	\$0.00		Prep & Submit - I	_				l
	Prep & Submit - Permit to Construct or Modify a Wastewater Treatment Facility - County	30	30	25-Apr-25	24-May-25	30	\$0.00	11111			t or Modify a Wastev	water Treatment Fa	cility - County	l
	Prep & Submit - Air Pollution Control Permit (For Permanent Facilities Only) - County	30	30	25-Apr-25	24-May-25	30	\$0.00	1 III : 1			ol Permit (For Permar		1 1	
	Prep & Submit - Disability and Communication Access Board (DCAB) - County	30	30	25-Apr-25	24-May-25	30	\$0.00	1 1 1 1 1 1 1			munication Access E			
	Prep & Submit - Form 7460-1, Notice of Proposed Construction of Alteration (Permanent Facilities Only) - County	30	30	25-Apr-25	24-May-25	30	\$0.00	╂ ╟ ╟┼┪			ice of Proposed Con			-acilities Only) - Cor
	Prep & Submit - Endangered Species Act, Section 7 - County	30	30	25-Apr-25	24-May-25	30	\$0.00	1			ies Act, Section 7 - C			• • • • • • • • • • • • • • • • • • • •
	Prep & Submit - Hawaii State Historic Preservation Division - County	30	30	25-Apr-25	24-May-25	30	\$0.00	1			ic Preservation Divisi			l
00-104800	Prep & Submit - Air Quality Permit for Temporary Equipment	30	30	25-Apr-25	24-May-25	30	\$0.00	1			or Temporary Equipn			l
00-104900	Prep & Submit - Determination of No Hazard to Air Navigation For Any Tall Construction Equipment (i.e. cranes)	30	30	25-Apr-25	24-May-25	30	\$0.00	1	Prep & Submit - I	Determination of N	lo Hazard to Air Navig	gation For Any Tall	Construction Eq	uipment (i.e. crane
00-105000	Prep & Submit - OSHA and Local Excavation Permits	30	30	25-Apr-25	24-May-25	30	\$0.00	1	Prep & Submit -	OSHA and Local E	xcavation Permits			
00-105100	Prep & Submit - Department of Transportation Permits	30	30	25-Apr-25	24-May-25	30	\$0.00	1	Prep & Submit - I	Department of Trai	nsportation Permits			
00-105300	Prep & Submit - Various Permits from Department of Health	30	30	15-May-25	13-Jun-25	53	\$0.00		Prep & Submit -	Various Permits fr	om Department of H	ealth		
Review & Ap	pprove	50	50	25-May-25	13-Jul-25	53	\$0.00	ШП	_					
00-106300	Review & Approve - Air Quality Permit for Temporary Equipment	30	30	25-May-25	23-Jun-25	30	\$0.00		Review & Appro	ve - Air Quality Pe	rmit for Temporary Ed	quipment		
00-106400	Review & Approve - Determination of No Hazard to Air Navigation For Any Tall Construction Equipment (i.e. cranes)	30	30	25-May-25	23-Jun-25	30	\$0.00		Review & Appro	ve - Determination	of No Hazard to Air	Navigation For An	Tall Constructio	n Equipment (i.e. c
00-106500	Review & Approve - OSHA and Local Excavation Permits	30	30	25-May-25	23-Jun-25	30	\$0.00		Review & Appro	ve - OSHA and Lo	cal Excavation Perm	ıits		
00-106600	Review & Approve - Department of Transportation Permits	30	30	25-May-25	23-Jun-25	30	\$0.00	╟╟	• •		f Transportation Per	nits		
00-105500	11 0 ,	30	30	25-May-25	23-Jun-25	30	\$0.00	╟╠		ve - Grading Perm	•			
00-105600	11 7	30	30	25-May-25	23-Jun-25	30	\$0.00	╟╠┇		ve - Plan Approva	.		. .	
00-105700	, , ,	30	30	25-May-25	23-Jun-25	30	\$0.00	╟╠	-		struct or Modify a W			ty
00-105800	77	30	30	25-May-25	23-Jun-25	30	\$0.00	╟╠	-		Control Permit (For Pe		1 1 1	
00-105900		30	30	25-May-25	23-Jun-25	30	\$0.00			-	Communication Acc			
00-106000		30	30	25-May-25	23-Jun-25	30	\$0.00	41 II 🕨			, Notice of Proposed		t <mark>era</mark> tion (Perman	ent Facilities Only)
	Review & Approve - Endangered Species Act, Section 7 - County	30	30	25-May-25	23-Jun-25	30		# 			Species Act, Section			
	Review & Approve - Hawaii State Historic Preservation Division - County	30	30	25-May-25	23-Jun-25	30		4 .			Historic Preservation			
00-106700	Review & Approve - Consultant's Stormwater Pollution Prevention Plan (SWPPP) and NPDES Permits, Forms C, F (01573)	30	30	25-May-25	23-Jun-25	30	\$0.00		Review & Appro	ve - Consultant's S	Stormwater Pollution	Prevention Plan (S	WPPP) and NPI	DES Permits, Form
Actual W	/ork Critical Remaining Work ♦ Milestone		Pa	ge 3 of 4								-		
	ng Work Remaining Level of Effort		ra	900017							Nan, I	nc		
/CITICIIIII	Tomaning Loror of Lifett										_ , , , ,			

Hilo WWTP Rehabilitation and Replacement Project Phase 1 Job No. WW-4705R Waiakea, Hilo, Hawaii

Time Scaled Network Diagram

Schedule: Hilo WWWTP Phase 1 - Prelim. N0PA DD.24-Feb-25 Schedule ID: Hilo WWTP - N0PA

ctivity ID	Activity Name	Orig	Rem	Start	Finish	Total	Budgeted Total	2025	2026	2027	2028	2029	7	2030	2031 203
		Dur	Dur			Float	Cost						ШШ		
00-10690	00 Review & Approve - Licensed Engineer Solid Waste Management Plan, Demolition Diversion Report (01738)	30	30	25-May-25	23-Jun-25	30	\$0.00	Revi	ew & Approve -	Licensed Eng	gineer Solid Wast	e Management F	an, Der	nolition Dive	ersion Report (017
00-10680	00 Review & Approve - Various Permits from Department of Health	30	30	14-Jun-25	13-Jul-25	53	\$0.00	Rev	iew & Approve -	Various Perr	nits from Departn	ent of Health	1 1		
Building F	Permits Permit	60	60	25-Apr-25	23-Jun-25	30	\$0.00						1		
00-10700	O0 Prep & Submit - Various Building Permits (including pertinent plumbing and electrical)	30	30	25-Apr-25	24-May-25	30	\$0.00	≻ [Prep	& Submit - Vario	us Building P	ermits (including	pertinent plumbin	g and e	ectrical)	
00-10710	00 Reivew & Approve - Various Building Permits (including pertinent plumbing and electrical)	30	30	25-May-25	23-Jun-25	30	\$0.00	- Reiv	ew & Approve -	Various Build	ing Permits (inclu	ding pertinent plu	mbing a	and electrica	(lk
Submittal	s and Procurement	900	900	24-Feb-25	12-Aug-27	624	\$0.00								
00-233500	Construction Submittals and Procurement (submit, approve, procure, arrive)	900	900	24-Feb-25	12-Aug-27	624	\$0.00				Construction Sub	mittals and Proc	uremen ¹	t (submit, ar	pprove, procure, ar
Construct	tion	875	875	24-Jul-25	27-Apr-29	0	\$330,280,263.73								
00-233700	Mobilize to Site and Set Up Site Offices	25	25	24-Jul-25	04-Sep-25	0	\$0.00	L L	Nobilize to Site a	nd Set Up Si	te Offices		11-		
00-233600	Construction	850	850	05-Sep-25	27-Apr-29	0	\$330,280,263.73	<u>-</u>				── Constr	uction		
00-233900	Construction Completion to Allow First Functional and Reliability Acceptance Testing	450	450	05-Sep-25	09-Aug-27	0	\$0.00	-			Construction Cor	npletion to Allow	irst Fur	ctional and	Reliability Accepta
Testing ar	nd Commissioning	640	640	10-Aug-27	08-May-30	0	\$0.00								
00-233800	Conduct Functional Testing and Reliability Acceptance Testing	500	500	10-Aug-27	03-Oct-29	0	\$0.00			┡			Conduc	: Functional	al Testing and Relia
00-232800	Facility Testing	70	70	04-Oct-29	25-Jan-30	0	\$0.00					-	Fa	cility Testing	j
00-232700	Commissioning	70	70	28-Jan-30	08-May-30	0	\$0.00						-	Commission	ioning
Project Cl	loseout	53	53	09-May-30	29-Jul-30	0	\$0.00						Г		
00-232900	Submit O&M Manuals	25	25	09-May-30	14-Jun-30	3	\$0.00						- -1	Submit (O&M Manuals
00-233000	Conduct Training	25	25	09-May-30	14-Jun-30	3	\$0.00						≠ i	Conduct	t Training
00-233100	Pre-Final Inspection	23	23	09-May-30	12-Jun-30	0	\$0.00						الجا	Pre-Fina	al Inspection
00-233200	Punchlist	25	25	13-Jun-30	22-Jul-30	0	\$0.00						F	Punchl	
00-233400	Clean Up Site and Demobilize	25	25	20-Jun-30	29-Jul-30	0	\$0.00						<u>i</u> "		Up Site and Demo
00-233300	Final Inspection	5	5	23-Jul-30	29-Jul-30	0	\$0.00								Inspection

A ativity ID	A stiritus Names	Original Forth Stort	- Coult	Lata Start	Lata	Total Float, Dundangan Pataila	Suggested Patrille
Activity ID	Activity Name	Original Early Start Duration	Finish	Late Start	Finish	Total Float Predecessor Details	Successor Details
00-100000	Contract Award/Notice to Proceed	0 24-Feb-25		24-Feb-25		0	$\begin{array}{c} 00\text{-}102000\text{:} \; \text{SS}, \; 00\text{-}101900\text{:} \; \text{SS}, \; 00\text{-}102300\text{:} \; \text{SS}, \; 00\text{-}110500\text{:} \; \text{SS}, \; 00\text{-}110600\text{:} \; \text{SS}, \\ 00\text{-}110900\text{:} \; \text{SS}, \; 00\text{-}111600\text{:} \; \text{SS}, \; 00\text{-}111800\text{:} \; \text{SS}, \; 00\text{-}111900\text{:} \; \text{SS}, \\ 00\text{-}102400\text{:} \; \text{SS}, \; 00\text{-}102500\text{:} \; \text{SS}, \; 00\text{-}112000\text{:} \; \text{SS}, \; 00\text{-}112400\text{:} \; \text{SS}, \; 00\text{-}102600\text{:} \; \text{SS}, \\ 00\text{-}102700\text{:} \; \text{SS}, \; 00\text{-}107300\text{:} \; \text{SS}, \; 00\text{-}113200\text{:} \; \text{SS}, \; 00\text{-}113300\text{:} \; \text{SS}, \; 00\text{-}104400\text{:} \; \text{SS}, \\ 00\text{-}104100\text{:} \; \text{SS}, \; 00\text{-}104200\text{:} \; \text{SS}, \; 00\text{-}104300\text{:} \; \text{SS}, \; 00\text{-}104400\text{:} \; \text{SS}, \; 00\text{-}104500\text{:} \; \text{SS}, \\ 00\text{-}104600\text{:} \; \text{SS}, \; 00\text{-}104700\text{:} \; \text{SS}, \; 00\text{-}107400\text{:} \; \text{SS}, \; 00\text{-}104800\text{:} \; \text{SS}, \; 00\text{-}104900\text{:} \; \text{SS}, \\ 00\text{-}105000\text{:} \; \text{SS}, \; 00\text{-}105100\text{:} \; \text{SS}, \; 00\text{-}107500\text{:} \; \text{SS}, \; 00\text{-}102800\text{:} \; \text{SS}, \; 00\text{-}107600\text{:} \; \text{SS}, \\ 00\text{-}107700\text{:} \; \text{SS}, \; 00\text{-}107800\text{:} \; \text{SS}, \; 00\text{-}107900\text{:} \; \text{SS}, \; 00\text{-}108000\text{:} \; \text{SS}, \; 00\text{-}108100\text{:} \; \text{SS}, \\ 00\text{-}108200\text{:} \; \text{SS}, \; 00\text{-}108300\text{:} \; \text{SS}, \; 00\text{-}102200\text{:} \; \text{SS}, \; 00\text{-}109700\text{:} \; \text{SS}, \\ 00\text{-}109800\text{:} \; \text{SS}, \; 00\text{-}108400\text{:} \; \text{SS}, \; 00\text{-}110000\text{:} \; \text{SS}, \; 00\text{-}101210\text{:} \; \text{SS}, \\ 00\text{-}110210\text{:} \; \text{SS}, \; 00\text{-}105210\text{:} \; \text{SS}, \; 00\text{-}233500\text{:} \; \text{SS}, \; 00\text{-}101210\text{:} \; \text{SS} \\ \end{array}$
00-101200	Notice to Proceed (Fieldwork) - date TBD, expected at constraint	0 24-Jul-25		24-Jul-25		0 00-102000: FS, 00-101900: FS, 00-102100: FS, 00-103900: FS, 00-106300: FS, 00-106400: FS, 00-106500: FS, 00-106600: FS, 00-105500: FS, 00-105600: FS, 00-105700: FS, 00-105800: FS, 00-105900: FS, 00-106000: FS, 00-106100: FS, 00-106200: FS, 00-106700: FS, 00-106900: FS, 00-108800: FS, 00-109700: FS, 00-109800: FS, 00-109700: FS, 00-109800: FS, 00-109900: FS, 00-110000: FS, 00-110700: FS, 00-110700: FS, 00-110800: FS, 00-111400: FS, 00-111500: FS, 00-111200: FS, 00-111500: FS, 00-111400: FS, 00-111400: FS, 00-111400: FS, 00-111400: FS, 00-111200: FS, 00-111200: FS, 00-111200: FS, 00-111200: FS, 00-111200: FS, 00-111200: FS, 00-113900: FS, 00-113000: FS, 00-113100: FS, 00-103800: FS, 00-103100: FS, 00-103300: FS, 00-103400: FS, 00-103500: FS, 00-103600: FS, 00-107100: FS, 00-101210: FS, 00-102800: FS	
00-101210	Owner Preparation of Notice to Proceed (Fieldwork)	150 24-Feb-25	23-Jul-25	24-Feb-25	23-Jul-25	0 00-100000: SS	00-101200: FS
00-101300	Milestone 1 - Headworks Emergency System and Mods to Primary Influent Channel (not tied in)	0	24-Feb-25		30-Jul-30	1983	00-101600: FS
00-101400	Milestone 3 - Complete Electrical Work (not tied in)	0	24-Feb-25		30-Jul-30	1983	00-101600: FS
00-101500	Milestone 4 (Additive Alt. 1 Not Included) - Project Substantial Completion	0	25-Jan-30		27-Jan-30	2 00-232800: FF	00-232700: FS
00-101600	Projected Completion Date	0	29-Jul-30		30-Jul-30	1 00-233400: FS, 00-101300: FS, 00-101400: FS	00-101700: FF, 00-101800: FS
00-101700	Contract Completion Date (Field NTP (July 31, 2025) + 1825 Calendar Days = July 30, 2030)	0	30-Jul-30		30-Jul-30	0 00-101600: FF, 00-101800: FF	
00-101800	Project Float (LOE)	1 30-Jul-30	30-Jul-30	30-Jul-30	30-Jul-30	0 00-101600: FS	00-101700: FF
00-101900	Obtain and Submit - Performance and Payment Bonds for Contract Work	30 16-Mar-25	14-Apr-25	24-Jun-25	23-Jul-25	100 00-100000: SS, 00-101910: FS	00-101200: FS
00-101910	HOLD on Precon Group 2	20 24-Feb-25	15-Mar-25	18-Apr-25	07-May-25	53 00-100000: SS	00-101900: FS, 00-102000: FS, 00-102300: FS, 00-103000: FS, 00-102400: FS, 00-102500: FS, 00-102600: FS, 00-102700: FS, 00-102800: FS, 00-102900: FS, 00-103100: FS, 00-103900: FS, 00-103800: FS, 00-103200: FS, 00-103300: FS, 00-103400: FS, 00-103500: FS, 00-103600: FS
00-102000	Obtain and Submit - Certificate of Insurance	30 16-Mar-25	14-Apr-25	24-Jun-25	23-Jul-25	100 00-100000: SS, 00-101910: FS	00-101200: FS
00-102100	Erect Structural Engineer Project ID Sign (30 days after NTP) (01500) - NO HOLD - may not need engineer, confirm	21 25-Apr-25	23-May-25	20-Jun-25	23-Jul-25	38 00-109100: FS	00-101200: FS
00-102200	Prep & Submit - Sample of Change Order Cost Basis Summary Form (15 days after NTP) (01260) - NO HOLD	15 24-Feb-25	10-Mar-25	09-Jun-25	23-Jun-25	105 00-100000: SS	00-103100: FS
00-102300	Prep & Submit - Site Safety and Health Plan	30 16-Mar-25	14-Apr-25	08-May-25	06-Jun-25	53 00-100000: SS, 00-101910: FS	00-103200: FS
00-102400	Prep & Submit - Moisture Vapor and Akalinity Testing Agency Qualifications (01452)	30 16-Mar-25	14-Apr-25	25-May-25	23-Jun-25	70 00-100000: SS, 00-101910: FS	00-103300: FS
© Oracle Corp	oration					Page 1 of 7	

Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Total Float Predecessor Details	Successor Details
00-102500	Prep & Submit - Special Certifications for Designated Seismic Systems and Wind Load (01455)	30	16-Mar-25	14-Apr-25	25-May-25	23-Jun-25	70 00-100000: SS, 00-101910: FS	00-103400: FS
00-102600	Prep & Submit - Traffic Control Plan (01734)	30	16-Mar-25	14-Apr-25	25-May-25	23-Jun-25	70 00-100000: SS, 00-101910: FS	00-103500: FS
00-102700	Prep & Submit - Disinfection Plan With Reports and Permits (01757)	30	16-Mar-25	14-Apr-25	25-May-25	23-Jun-25	70 00-100000: SS, 00-101910: FS	00-103600: FS
00-102800	Obtain and Submit - Builder's Risk Insurance (01000)	30	16-Mar-25	14-Apr-25	24-Jun-25	23-Jul-25	100 00-100000: SS, 00-101910: FS	00-101200: FS
00-102900	Prep & Submit - Layout/Traffic/Laydown Plan for Mobilization (01000)	30	16-Mar-25	14-Apr-25	25-May-25	23-Jun-25	70 00-100000: SS, 00-101910: FS	00-103800: FS
00-103000	Prep & Submit - Certified Industrial Hygenist Hazmat Removal Work Plan (01354)	30	25-Apr-25	24-May-25	25-May-25	23-Jun-25	30 00-109000: FS, 00-101910: FS	00-103900: FS
00-103100	Review & Approve - Sample of Change Order Cost Basis Summary Form (01260)	30	16-Mar-25	14-Apr-25	24-Jun-25	23-Jul-25	100 00-102200: FS, 00-101910: FS	00-101200: FS
00-103200	Review & Approve - Site Safety and Health Plan	30	15-Apr-25	14-May-25	07-Jun-25	06-Jul-25	53 00-102300: FS, 00-101910: FS	00-105300: FS
00-103300	Review & Approve - Moisture Vapor and Alkalinity Testing Agency Qualifications (01452)	30	15-Apr-25	14-May-25	24-Jun-25	23-Jul-25	70 00-102400: FS, 00-101910: FS	00-101200: FS
00-103400	Review & Approve - Special Certifications for Designated Seismic Systems and Wind Load (01455)	30	15-Apr-25	14-May-25	24-Jun-25	23-Jul-25	70 00-102500: FS, 00-101910: FS	00-101200: FS
00-103500	Review & Approve - Traffic Control Plan (01734)	30	15-Apr-25	14-May-25	24-Jun-25	23-Jul-25	70 00-102600: FS, 00-101910: FS	00-101200: FS
00-103600	Review & Approve - Disinfection Plan With Reports and Permits (01757)	30	15-Apr-25	14-May-25	24-Jun-25	23-Jul-25	70 00-102700: FS, 00-101910: FS	00-101200: FS
00-103800	Review & Approve - Layout/Traffic/Laydown Plan for Mobilization (01000)	30	15-Apr-25	14-May-25	24-Jun-25	23-Jul-25	70 00-102900: FS, 00-101910: FS	00-101200: FS
00-103900	Review & Approve - Certified Industrial Hygenist Hazmat Removal Work Plan (01354)	30	25-May-25	23-Jun-25	24-Jun-25	23-Jul-25	30 00-103000: FS, 00-101910: FS	00-101200: FS
00-104000	Prep & Submit - Grading Permit - County	30	25-Apr-25	24-May-25	25-May-25	23-Jun-25	30 00-100000: SS, 00-105210: FS	00-105500: FS
00-104100	Prep & Submit - Plan Approval - County	30	25-Apr-25	24-May-25	25-May-25	23-Jun-25	30 00-100000: SS, 00-105210: FS	00-105600: FS
00-104200	Prep & Submit - Permit to Construct or Modify a Waste water Treatment Facility - County	30	25-Apr-25	24-May-25	25-May-25	23-Jun-25	30 00-100000: SS, 00-105210: FS	00-105700: FS
00-104300	Prep & Submit - Air Pollution Control Permit (For Permanent Facilities Only) - County	30	25-Apr-25	24-May-25	25-May-25	23-Jun-25	30 00-100000: SS, 00-105210: FS	00-105800: FS
00-104400	Prep & Submit - Disability and Communication Access Board (DCAB) - County	30	25-Apr-25	24-May-25	25-May-25	23-Jun-25	30 00-100000: SS, 00-105210: FS	00-105900: FS
00-104500	Prep & Submit - Form 7460-1, Notice of Proposed Construction of Alteration (Permanent Facilities Only) - County	30	25-Apr-25	24-May-25	25-May-25	23-Jun-25	30 00-100000: SS, 00-105210: FS	00-106000: FS
00-104600	Prep & Submit - Endangered Species Act, Section 7 - County	30	25-Apr-25	24-May-25	25-May-25	23-Jun-25	30 00-100000: SS, 00-105210: FS	00-106100: FS
00-104700	Prep & Submit - Hawaii State Historic Preservation Division - County	30	25-Apr-25	24-May-25	25-May-25	23-Jun-25	30 00-100000: SS, 00-105210: FS	00-106200: FS
00-104800	Prep & Submit - Air Quality Permit for Temporary Equipment	30	25-Apr-25	24-May-25	25-May-25	23-Jun-25	30 00-100000: SS, 00-105210: FS	00-106300: FS
00-104900	Prep & Submit - Determination of No Hazard to Air Navigation For Any Tall Construction Equipment (i.e. cranes)	30	25-Apr-25	24-May-25	25-May-25	23-Jun-25	30 00-100000: SS, 00-105210: FS	00-106400: FS
00-105000	Prep & Submit - OSHA and Local Excavation Permits	30	25-Apr-25	24-May-25	25-May-25	23-Jun-25	30 00-100000: SS, 00-105210: FS	00-106500: FS

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Activity ID	Activity Name	Original Early Start Early Duration Finish	Late Start	Late Finish	Total Float Predecessor Details	Successor Details
00-105100	Prep & Submit - Department of Transportation Permits	30 25-Apr-25 24-May	25 25-May-25	23-Jun-25	30 00-100000: SS, 00-105210: FS	00-106600: FS
00-105200	Prep & Submit - Consultant's Stormwater Pollution Prevention Plan (SWPPP) and NPDES Permits, Forms C, F (01573)	30 25-Apr-25 24-May	25 25-May-25	23-Jun-25	30 00-109600: FS, 00-105210: FS	00-106700: FS
00-105210	HOLD on Precon Group 4	60 24-Feb-25 24-Apr-	26-Mar-25	24-May-25	30 00-100000: SS	00-104000: FS, 00-104100: FS, 00-104200: FS, 00-104300: FS, 00-104400: FS, 00-104500: FS, 00-104600: FS, 00-104700: FS, 00-104800: FS, 00-104900: FS, 00-105000: FS, 00-105100: FS, 00-105200: FS, 00-105400: FS, 00-105300: FS, 00-106300: FS, 00-106400: FS, 00-106500: FS, 00-106600: FS, 00-105500: FS, 00-105600: FS, 00-105600: FS, 00-105600: FS, 00-106000: FS, 00-106000: FS, 00-106100: FS, 00-106200: FS, 00-106700: FS, 00-106900: FS, 00-106800: FS, 00-107000: FS
00-105300	Prep & Submit - Various Permits from Department of Health	30 15-May-25 13-Jun	25 07-Jul-25	05-Aug-25	53 00-103200: FS, 00-105210: FS	00-106800: FS
00-105400	Prep & Submit - Licensed Engineer Solid Waste Management Plan, Demolition Diversion Report (01738)	30 25-Apr-25 24-May	25 25-May-25	23-Jun-25	30 00-109200: FS, 00-105210: FS	00-106900: FS
00-105500	Review & Approve - Grading Permit - County	30 25-May-25 23-Jun	25 24-Jun-25	23-Jul-25	30 00-104000: FS, 00-105210: FS	00-101200: FS
00-105600	Review & Approve - Plan Approval - County	30 25-May-25 23-Jun	25 24-Jun-25	23-Jul-25	30 00-104100: FS, 00-105210: FS	00-101200: FS
00-105700	Review & Approve - Permit to Construct or Modify a Waste water Treatment Facility - County	30 25-May-25 23-Jun	25 24-Jun-25	23-Jul-25	30 00-104200: FS, 00-105210: FS	00-101200: FS
00-105800	Review & Approve - Air Pollution Control Permit (For Permanent Facilities Only) - County	30 25-May-25 23-Jun	25 24-Jun-25	23-Jul-25	30 00-104300: FS, 00-105210: FS	00-101200: FS
00-105900	Review & Approve - Disability and Communication Access Board (DCAB) - County	30 25-May-25 23-Jun	25 24-Jun-25	23-Jul-25	30 00-104400: FS, 00-105210: FS	00-101200: FS
00-106000	Review & Approve - Form 7460-1, Notice of Proposed Construction of Alteration (Permanent Facilities Only) - County	30 25-May-25 23-Jun	25 24-Jun-25	23-Jul-25	30 00-104500: FS, 00-105210: FS	00-101200: FS
00-106100	Review & Approve - Endangered Species Act, Section 7 - County	30 25-May-25 23-Jun	25 24-Jun-25	23-Jul-25	30 00-104600: FS, 00-105210: FS	00-101200: FS
00-106200	Review & Approve - Hawaii State Historic Preservation Division - County	30 25-May-25 23-Jun	25 24-Jun-25	23-Jul-25	30 00-104700: FS, 00-105210: FS	00-101200: FS
00-106300	Review & Approve - Air Quality Permit for Temporary Equipment	30 25-May-25 23-Jun	25 24-Jun-25	23-Jul-25	30 00-104800: FS, 00-105210: FS	00-101200: FS
00-106400	Review & Approve - Determination of No Hazard to Air Navigation For Any Tall Construction Equipment (i.e. cranes)	30 25-May-25 23-Jun	25 24-Jun-25	23-Jul-25	30 00-104900: FS, 00-105210: FS	00-101200: FS
00-106500	Review & Approve - OSHA and Local Excavation Permits	30 25-May-25 23-Jun	25 24-Jun-25	23-Jul-25	30 00-105000: FS, 00-105210: FS	00-101200: FS
00-106600	Review & Approve - Department of Transportation Permits	30 25-May-25 23-Jun	25 24-Jun-25	23-Jul-25	30 00-105100: FS, 00-105210: FS	00-101200: FS
00-106700	Review & Approve - Consultant's Stormwater Pollution Prevention Plan (SWPPP) and NPDES Permits, Forms C, F (01573)	30 25-May-25 23-Jun	25 24-Jun-25	23-Jul-25	30 00-105200: FS, 00-105210: FS	00-101200: FS
00-106800	Review & Approve - Various Permits from Department of Health	30 14-Jun-25 13-Jul-	5 06-Aug-25	04-Sep-25	53 00-105300: FS, 00-105210: FS	00-233600: FS
00-106900	Review & Approve - Licensed Engineer Solid Waste Management Plan, Demolition Diversion Report (01738)	30 25-May-25 23-Jun	25 24-Jun-25	23-Jul-25	30 00-105400: FS, 00-105210: FS	00-101200: FS
00-107000	Prep & Submit - Various Building Permits (including pertinent plumbing and electrical)	30 25-Apr-25 24-May	25 25-May-25	23-Jun-25	30 00-105210: FS	00-107100: FS

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Activity ID	Activity Name	•	Early I Finish	Late Start	Late Finish	Total Float Predecessor Details	Successor Details	
00-107100	Reivew & Approve - Various Building Permits (including pertinent plumbing and electrical)	30 25-May-25	23-Jun-25 2	24-Jun-25	23-Jul-25	30 00-107000: FS	00-101200: FS	
00-107300	Prep & Submit - Designated Licensed Engineer QC Specialist (60 after NTP, 60 before mobilization) (02256)	15 24-Feb-25	10-Mar-25 2	25-Apr-25	09-May-25	60 00-100000: SS	00-108500: FS	
00-107400	Prep & Submit - Designated Satefy Officer (Rodney) (01000)	30 24-Feb-25	25-Mar-25 2	25-May-25	23-Jun-25	90 00-100000: SS	00-108600: FS	
00-107500	Prep & Submit - Designated Startup Coordinator (TSC) Qualifications (01756)	30 24-Feb-25	25-Mar-25 2	25-Apr-25	24-May-25	60 00-100000: SS	00-108700: FS	
00-107600	Prep & Submit - Designated Training Coordinator (01756)	30 24-Feb-25	25-Mar-25 2	25-May-25	23-Jun-25	90 00-100000: SS	00-108800: FS	
00-107700	Prep & Submit - Designated Structural Engineer for Temporary Bypass Pipe and Pipe Supports (01140)	30 24-Feb-25	25-Mar-25 2	26-Mar-25	24-Apr-25	30 00-100000: SS	00-108900: FS	
00-107800	Prep & Submit - Designated Certified Industrial Hygenist for Hazmat Removal Work Plan (01354)	30 24-Feb-25	25-Mar-25 2	26-Mar-25	24-Apr-25	30 00-100000: SS	00-109000: FS	
00-107900	Prep & Submit - Designated Structural Engineer for Project Signs (01500)	30 24-Feb-25	25-Mar-25 2	21-Apr-25	20-May-25	56 00-100000: SS	00-109100: FS	
00-108000	Prep & Submit - Designated Licensed Engineer for Solid Waste Management Plan (01738)	30 24-Feb-25	25-Mar-25 2	26-Mar-25	24-Apr-25	30 00-100000: SS	00-109200: FS	
00-108100	Prep & Submit - Designated Licensed Engineer for Vibration Monitoring Program (Rock Removal - 02238)	30 24-Feb-25	25-Mar-25 2	26-Mar-25	24-Apr-25	30 00-100000: SS	00-109300: FS	
00-108200	Prep & Submit - Designated Civil Engineer for Dewatering Plan (02240)	30 24-Feb-25	25-Mar-25 2	26-Mar-25	24-Apr-25	30 00-100000: SS	00-109400: FS	
00-108300	Prep & Submit - Designated Civil/Geotechnical Engineer for Shoring Design (02260)	30 24-Feb-25	25-Mar-25 2	26-Mar-25	24-Apr-25	30 00-100000: SS	00-109500: FS	
00-108400	Prep & Submit - Designated Stormwater Pollution Prevention Plan (SWPPP) Consultant (Imata) (01573)	30 24-Feb-25	25-Mar-25 2	26-Mar-25	24-Apr-25	30 00-100000: SS	00-109600: FS	
00-108500	Review & Approve - Designated Licensed Engineer QC Specialist (02256)	30 11-Mar-25	09-Apr-25	10-May-25	08-Jun-25	60 00-107300: FS	00-112800: FS, 00-112900: FS	
00-108600	Review & Approve - Designated Satefy Officer (Rodney) (01000)	30 26-Mar-25	24-Apr-25	24-Jun-25	23-Jul-25	90 00-107400: FS	00-101200: FS	
00-108700	Review & Approve - Designated Startup Coordinator (TSC) Qualifications (01756)	30 26-Mar-25	24-Apr-25	25-May-25	23-Jun-25	60 00-107500: FS	00-111600: FS	
00-108800	Review & Approve - Designated Training Coordinator (01756)	30 26-Mar-25	24-Apr-25	24-Jun-25	23-Jul-25	90 00-107600: FS	00-101200: FS	
00-108900	Review & Approve - Designated Structural Engineer for Temporary Bypass Pipe and Pipe Supports (01140)	30 26-Mar-25	24-Apr-25 2	25-Apr-25	24-May-25	30 00-107700: FS	00-110300: FS	
00-109000	Review & Approve - Designated Certified Industrial Hygenist for Hazmat Removal Work Plan (01354)	30 26-Mar-25	24-Apr-25 2	25-Apr-25	24-May-25	30 00-107800: FS	00-103000: FS	
00-109100	Review & Approve - Designated Structural Engineer for Project Signs (01500)	30 26-Mar-25	24-Apr-25	21-May-25	19-Jun-25	56 00-107900: FS	00-102100: FS	
00-109200	Review & Approve - Designated Licensed Engineer for Solid Waste Management Plan (01738)	30 26-Mar-25	24-Apr-25 2	25-Apr-25	24-May-25	30 00-108000: FS	00-105400: FS	
00-109300	Review & Approve - Designated Licensed Engineer for Vibration Monitoring Program (Rock Removal - 02238)	30 26-Mar-25	24-Apr-25 2	25-Apr-25	24-May-25	30 00-108100: FS	00-113500: FS	

Activity ID	Activity Name	Original Early Start Ear Duration Fini	,	Late Finish	Total Float Predecessor Details	Successor Details
00-109400	Review & Approve - Designated Civil Engineer for Dewatering Plan (02240)	30 26-Mar-25 24- <i>A</i>	pr-25 25-Apr-25	24-May-25	30 00-108200: FS	00-113600: FS
00-109500	Review & Approve - Designated Civil/Geotechnical Engineer for Shoring Design (02260)	30 26-Mar-25 24- <i>A</i>	pr-25 25-Apr-25	24-May-25	30 00-108300: FS	00-113400: FS
00-109600	Review & Approve - Designated Stormwater Pollution Prevention Plan (SWPPP) Consultant (Imata) (01573)	30 26-Mar-25 24- <i>A</i>	pr-25 25-Apr-25	24-May-25	30 00-108400: FS	00-105200: FS
00-109700	Pre-Construction Conference	30 24-Feb-25 25-N	lar-25 24-Jun-25	23-Jul-25	120 00-100000: SS	00-101200: FS
00-109800	Document Management Software Training	30 24-Feb-25 25-N	lar-25 24-Jun-25	23-Jul-25	120 00-100000: SS	00-101200: FS
00-109900	Pre-Construction Safety Conference (at mobilization)	1 24-Jun-25 24-֊	un-25 23-Jul-25	23-Jul-25	29 00-109910: FS	00-101200: FS
00-109910	Schedule Pre-Construction Safety Conference	120 24-Feb-25 23-J	un-25 25-Mar-25	22-Jul-25	29 00-100000: SS	00-109900: FS
00-110000	Pre-Submittal Conference	30 24-Feb-25 25-N	lar-25 24-Jun-25	23-Jul-25	120 00-100000: SS	00-101200: FS
00-110200	Prep & Submit - Baseline Schedule with MOP tasks.	30 05-Apr-25 04-N	lay-25 24-Jun-25	23-Jul-25	80 00-111200: SS, 00-110210: FS	00-101200: FS
00-110210	HOLD on Precon Group 3	40 24-Feb-25 04- <i>I</i>	pr-25 15-Apr-25	24-May-25	50 00-100000: SS	00-110200: FS, 00-110300: FS, 00-110400: FS, 00-110500: FS, 00-110600: FS, 00-110700: FS, 00-110800: FS, 00-111800: FS, 00-111900: FS, 00-113400: FS, 00-113200: FS, 00-113300: FS, 00-113500: FS, 00-113600: FS, 00-113700: FS, 00-113800: FS, 00-113900: FS, 00-114000: FS, 00-114100: FS
00-110300	Prep & Submit - Structural Engineer Designs for Temporary Bypass Pipe and Pipe Supports (01140)	30 25-Apr-25 24-N	lay-25 25-May-25	23-Jun-25	30 00-108900: FS, 00-110210: FS	00-110400: FS
00-110400	Review & Approve - Structural Engineer Designs for Temporary Bypass Pipe and Pipe Supports (01140)	30 25-May-25 23-ა	un-25 24-Jun-25	23-Jul-25	30 00-110300: FS, 00-110210: FS	00-101200: FS
00-110500	Prep & Submit - Dust Control Management	30 05-Apr-25 04-N	lay-25 25-May-25	23-Jun-25	50 00-100000: SS, 00-110210: FS	00-110700: FS
00-110600	Prep & Submit - Qualifications of Wildlife Biologist Performing Hawaiian Geese Surveys	30 05-Apr-25 04-N	lay-25 25-May-25	23-Jun-25	50 00-100000: SS, 00-110210: FS	00-110800: FS
00-110700	Review & Approve - Dust Control Management Plan	30 05-May-25 03-	un-25 24-Jun-25	23-Jul-25	50 00-110500: FS, 00-110210: FS	00-101200: FS
00-110800	Review & Approve - Qualifications of Wildlife Biologist Performing Hawaiian Geese Surveys	30 05-May-25 03-ა	un-25 24-Jun-25	23-Jul-25	50 00-110600: FS, 00-110210: FS	00-101200: FS
00-110900	Prep & Submit - Designated Scheduler (5 days after NTP)	5 24-Feb-25 28-F	eb-25 11-Apr-25	15-Apr-25	46 00-100000: SS	00-111000: FS, 00-111100: FS
00-111000	Prep & Submit - Preliminary Schedule and Detailed Breakdown of Project Costs (14 days after NTP)	9 01-Mar-25 09-N	lar-25 16-May-25	24-May-25	76 00-100000: SS, 00-110900: FS	00-111300: FS
00-111100	Pre-Construction Scheduling Meeting (14 days after NTP)	9 01-Mar-25 09-N	lar-25 16-Apr-25	24-Apr-25	46 00-110900: FS	00-111200: FS
00-111200	Prep & Submit - Project Baseline Schedule (and Detailed Breakdown of Project Costs) (45 days after NTP)	30 10-Mar-25 08- <i>A</i>	pr-25 25-Apr-25	24-May-25	46 00-111100: FS	00-110200: SS, 00-111500: FS
00-111300	Review & Approve - Preliminary Schedule and Detailed Breakdown of Project Costs	30 10-Mar-25 08-A	pr-25 25-May-25	23-Jun-25	76 00-111000: FS	00-111400: FS
00-111400	Prep & Submit - Preliminary Schedule of Submittals	30 09-Apr-25 08-N	lay-25 24-Jun-25	23-Jul-25	76 00-111300: FS	00-101200: FS
00-111500	Review & Approve - Project Baseline Schedule (and Detailed Breakdown of Project Costs)	30 09-Apr-25 08-N	lay-25 25-May-25	23-Jun-25	46 00-111200: FS	00-111700: FS, 00-101200: FS

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Activity ID	Activity Name	Original Early Start Early Duration Finish	Late Start	Late Finish	Total Float Predecessor Details	Successor Details
00-111600	Prep & Submit - Commissioning Schedule (90 days after NTP)	30 25-Apr-25 24-May-25	24-Jun-25	23-Jul-25	60 00-100000: SS, 00-108700: FS	00-101200: FS
00-111700	Prep & Submit - Final Schedule of Submittals (30 days after approval of baseline schedule)	30 09-May-25 07-Jun-25	24-Jun-25	23-Jul-25	46 00-111500: FS	00-101200: FS
00-111800	Prep & Submit - Contractor's Professional Engineer Qualifications/Requirements (for all)	30 05-Apr-25 04-May-25	24-Jun-25	23-Jul-25	80 00-100000: SS, 00-110210: FS	00-101200: FS
00-111900	Prep & Submit - Contractor's Professional Engineer Professional Liability Insurance Certificate	30 05-Apr-25 04-May-25	24-Jun-25	23-Jul-25	80 00-100000: SS, 00-110210: FS	00-101200: FS
00-112000	Prep & Submit - Qualifications of the Contractor's Quality Control (CQC) Plan Manager	15 24-Feb-25 10-Mar-25	25-Apr-25	09-May-25	60 00-100000: SS	00-112100: FS
00-112100	Review & Approve - Qualifications of the Contractor's Quality Control (CQC) Plan Manager	30 11-Mar-25 09-Apr-25	10-May-25	08-Jun-25	60 00-112000: FS	00-112200: FS
00-112200	Prep & Submit - Contractor Quality Control (CQC) Plan (60 days after NTP)	15 10-Apr-25 24-Apr-25	09-Jun-25	23-Jun-25	60 00-112100: FS	00-112300: FS
00-112300	Review & Approve - Contractor Quality Control (CQC) Plan	30 25-Apr-25 24-May-25	24-Jun-25	23-Jul-25	60 00-112200: FS	00-101200: FS
00-112400	Prep & Submit - Qualifications of Professional Land Surveyor	30 24-Feb-25 25-Mar-25	26-Mar-25	24-Apr-25	30 00-100000: SS	00-112500: FS
00-112500	Review & Approve - Qualifications of Professional Land Surveyor	30 26-Mar-25 24-Apr-25	25-Apr-25	24-May-25	30 00-112400: FS	00-112600: FS
00-112600	Prep & Submit - Pre-Excavation Report	30 25-Apr-25 24-May-25	25-May-25	23-Jun-25	30 00-112500: FS	00-112700: FS
00-112700	Review & Approve - Pre-Excavation Report	30 25-May-25 23-Jun-25	24-Jun-25	23-Jul-25	30 00-112600: FS	00-101200: FS
00-112800	Prep & Submit - Licensed Engineer Probe and Grout Work Plan (60 after NTP, 60 before mob)	15 10-Apr-25 24-Apr-25	09-Jun-25	23-Jun-25	60 00-108500: FS	00-113000: FS
00-112900	Prep & Submit - Licensed Engineer Probe and Grout Reports and Records (60 after NTP, 60 before mob)	15 10-Apr-25 24-Apr-25	09-Jun-25	23-Jun-25	60 00-108500: FS	00-113100: FS
00-113000	Review & Approve - Licensed Engineer Probe and Grout Work Plan	30 25-Apr-25 24-May-25	24-Jun-25	23-Jul-25	60 00-112800: FS	00-101200: FS
00-113100	Review & Approve - Licensed Engineer Probe and Grout Reports and Records	30 25-Apr-25 24-May-25	24-Jun-25	23-Jul-25	60 00-112900: FS	00-101200: FS
00-113200	Prep & Submit - Location and Details of Control Points, Survey Data	30 05-Apr-25 04-May-25	25-May-25	23-Jun-25	50 00-100000: SS, 00-110210: FS	00-113700: FS
00-113300	Prep & Submit - Detailed Sequence of Installation and Removal of Shoring	30 05-Apr-25 04-May-25	25-May-25	23-Jun-25	50 00-100000: SS, 00-110210: FS	00-113800: FS
00-113400	Prep & Submit - Civil/Geotechnical Engineer Excavation and Support Shop Drawings and Calcs (Shoring)	30 25-Apr-25 24-May-25	25-May-25	23-Jun-25	30 00-109500: FS, 00-110210: FS	00-113900: FS
00-113500	Prep & Submit - Licensed Engineer Vibration Monitoring Program (Rock Removal - 02238)	30 25-Apr-25 24-May-25	25-May-25	23-Jun-25	30 00-109300: FS, 00-110210: FS	00-114000: FS
00-113600	Prep & Submit - Civil Engineer Dewatering Plan and Other Dewatering Submittals (02240)	30 25-Apr-25 24-May-25	25-May-25	23-Jun-25	30 00-109400: FS, 00-110210: FS	00-114100: FS
00-113700	Review & Approve - Location and Details of Control Points, Survey Data	30 05-May-25 03-Jun-25	24-Jun-25	23-Jul-25	50 00-113200: FS, 00-110210: FS	00-101200: FS
00-113800	Review & Approve - Detailed Sequence of Installation and Removal of Shoring	30 05-May-25 03-Jun-25	24-Jun-25	23-Jul-25	50 00-113300: FS, 00-110210: FS	00-101200: FS
00-113900	Review & Approve - Civil/Geotechnical Engineer Excavation and Support Shop Drawings and	30 25-May-25 23-Jun-25	24-Jun-25	23-Jul-25	30 00-113400: FS, 00-110210: FS	00-101200: FS
00-112800 00-112900 00-113000 00-113100 00-113200 00-113300 00-113500 00-113600 00-113700 00-113800	Prep & Submit - Licensed Engineer Probe and Grout Work Plan (60 after NTP, 60 before mob) Prep & Submit - Licensed Engineer Probe and Grout Reports and Records (60 after NTP, 60 before mob) Review & Approve - Licensed Engineer Probe and Grout Work Plan Review & Approve - Licensed Engineer Probe and Grout Reports and Records Prep & Submit - Location and Details of Control Points, Survey Data Prep & Submit - Detailed Sequence of Installation and Removal of Shoring Prep & Submit - Civil/Geotechnical Engineer Excavation and Support Shop Drawings and Calcs (Shoring) Prep & Submit - Licensed Engineer Vibration Monitoring Program (Rock Removal - 02238) Prep & Submit - Civil Engineer Dewatering Plan and Other Dewatering Submittals (02240) Review & Approve - Location and Details of Control Points, Survey Data Review & Approve - Detailed Sequence of Installation and Removal of Shoring Review & Approve - Civil/Geotechnical Engineer	15 10-Apr-25 24-Apr-25 15 10-Apr-25 24-Apr-25 30 25-Apr-25 24-May-25 30 05-Apr-25 04-May-25 30 05-Apr-25 04-May-25 30 25-Apr-25 24-May-25 30 25-Apr-25 24-May-25 30 25-Apr-25 24-May-25 30 25-Apr-25 24-May-25 30 05-May-25 03-Jun-25 30 05-May-25 03-Jun-25	09-Jun-25 09-Jun-25 24-Jun-25 24-Jun-25 25-May-25 25-May-25 25-May-25 25-May-25 24-Jun-25 24-Jun-25	23-Jun-25 23-Jul-25 23-Jul-25 23-Jun-25 23-Jun-25 23-Jun-25 23-Jun-25 23-Jun-25 23-Jul-25 23-Jul-25	60 00-108500: FS 60 00-108500: FS 60 00-112800: FS 60 00-112900: FS 50 00-100000: SS, 00-110210: FS 50 00-100000: SS, 00-110210: FS 30 00-109500: FS, 00-110210: FS 30 00-109300: FS, 00-110210: FS 50 00-113200: FS, 00-110210: FS 50 00-113300: FS, 00-110210: FS	00-113000: FS 00-113100: FS 00-101200: FS 00-101200: FS 00-113700: FS 00-113800: FS 00-113900: FS 00-114000: FS 00-114100: FS 00-101200: FS

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Hilo WWWTP Phase 1 - Prelim. N0PA DD.24-Feb-25 Report Date: 06-May-25 10:37

Schedule Report - Predecessors / Successors

Activity ID	Activity Name	Original Early Start Duration	Early Finish	Late Start	Late Finish	Total Float Predecessor Details	Successor Details
	Calcs (Shoring)						
00-114000	Review & Approve - Licensed Engineer Vibration Monitoring Program (Rock Removal - 02238)	30 25-May-25	23-Jun-25	24-Jun-25	23-Jul-25	30 00-113500: FS, 00-110210: FS	00-101200: FS
00-114100	Review & Approve - Civil Engineer Dewatering Plan and Other Dewatering Submittals (02240)	30 25-May-25	23-Jun-25	24-Jun-25	23-Jul-25	30 00-113600: FS, 00-110210: FS	00-101200: FS
00-232700	Commissioning	70 28-Jan-30	08-May-30	28-Jan-30	08-May-30	0 00-101500: FS	00-233100: FS, 00-233000: FS, 00-232900: FS
00-232800	Facility Testing	70 04-Oct-29	25-Jan-30	04-Oct-29	25-Jan-30	0 00-233800: FS	00-101500: FF
00-232900	Submit O&M Manuals	25 09-May-30	14-Jun-30	14-May-30	19-Jun-30	3 00-232700: FS	00-233400: FS
00-233000	Conduct Training	25 09-May-30	14-Jun-30	14-May-30	19-Jun-30	3 00-232700: FS	00-233400: FS
00-233100	Pre-Final Inspection	23 09-May-30	12-Jun-30	09-May-30	12-Jun-30	0 00-232700: FS	00-233200: FS
00-233200	Punchlist	25 13-Jun-30	22-Jul-30	13-Jun-30	22-Jul-30	0 00-233100: FS	00-233300: FS
00-233300	Final Inspection	5 23-Jul-30	29-Jul-30	23-Jul-30	29-Jul-30	0 00-233200: FS	00-233400: FF
00-233400	Clean Up Site and Demobilize	25 20-Jun-30	29-Jul-30	20-Jun-30	29-Jul-30	0 00-232900: FS, 00-233000: FS, 00-233300: FF	00-101600: FS
00-233500	Construction Submittals and Procurement (submit, approve, procure, arrive)	900 24-Feb-25	12-Aug-27	10-Nov-26	27-Apr-29	624 00-100000: SS	00-233600: FF
00-233600	Construction	850 05-Sep-25	27-Apr-29	05-Sep-25	27-Apr-29	0 00-233700: FS, 00-106800: FS, 00-233500: FF	00-233800: FF, 00-233900: SS
00-233700	Mobilize to Site and Set Up Site Offices	25 24-Jul-25	04-Sep-25	24-Jul-25	04-Sep-25	0 00-101200: SS	00-233600: FS
00-233800	Conduct Functional Testing and Relability Acceptance Testing	500 10-Aug-27	03-Oct-29	10-Aug-27	03-Oct-29	0 00-233600: FF, 00-233900: FS	00-232800: FS
00-233900	Construction Completion to Allow First Functional and Reliability Acceptance Testing	450 05-Sep-25	09-Aug-27	05-Sep-25	09-Aug-27	0 00-233600: SS	00-233800: FS
Total		1347 24-Feb-25	30-Jul-30	24-Feb-25	30-Jul-30	0	

Preliminary Detailed Breakdown of Project Costs

Hilo Wastewater Treatment Plant (WWTP) Rehabilitation and Replacement Project Phase 1

Job No. WW-4705R Contract No. C.012486 Contractor: Nan, Inc.

Activity ID	Activity Name			Actual Total Co	
00-101900	Obtain and Submit - Performance and Payment Bonds for Contract Work	100%		\$ 2,771	,131.00
00-102800	Obtain and Submit - Builder's Risk Insurance (01000)	100%	25-Mar-25	\$ 3,953	3,648.27
00-233600	Construction	0%		\$ 330,280	,263.73
Total				\$ 337,005	,043.00