



March 26, 2024

Harrison Youngblood, P.E.
Indian River County Department of Utility Services
1801 27th Street
Vero Beach, FL 32960

**RE: *Indian River County Department of Utility Services
South Oslo Road Water Treatment Plant Improvements
Change Order 4 – Time Extension & Deductive Credit for IRCDUS Project #2021-026***

The intent of this letter is to outline our recommendation to Indian River County Department of Utility Services (IRCDUS) to provide TLC Diversified, Inc. with a deductive change order and contract time extension for the South Oslo Road Water Treatment Plant Improvements project. The original contract had a final completion date of November 2, 2023. TLC was not able to meet this final completion date due to delays in lead times for materials as well as an increase in scope through change orders. TLC formally requested a time extension request in October 2023 and was granted an extension under work change directive #2 and the contract final completion date was extended to May 17, 2024.

Since the execution of work change directive #2, TLC has encountered further delays as outlined in the letter to Indian River County dated March 6, 2024 (see attached). TLC is no longer able to meet the current final completion date for this project. TLC has formally requested a second time extension request of 77 days to yield final completion date of August 2, 2024 (1,094 days from NTP). The revised schedule includes the following major milestones:

Caustic Tank Startup	4/5/2024
CO2 Tank Startup	4/9/2024
Permeate and Concentrate Trench Piping in Service	3/30/2024
Train 1 Demolition	3/25/2024
Train 4 Startup	4/8/2024
Wellfield FO Panel Work Complete	4/12/2024
CTF Piping Complete	4/15/2024
Train 1 Startup	4/22/2024
Raw Water Blend Improvements	4/22/2024
CIP System Startup	6/15/2024
Substantial completion	6/15/2024
Final completion	8/2/2024

This time extension results in additional cost burden to IRCDUS. Per discussions with the TLC project manager and IRCDUS, line item 345 of the schedule of values, which totals \$54,928.65, will be deducted from the contract value in exchange for additional time. This credit to IRCDUS appears satisfactory to cover costs associated with this time extension. We have reviewed the milestones and TLC's completion schedule and believe them to be achievable.

I trust this information useful. Included with this letter is the signed Change Order #4 and associated backup for IRCDUS review and approval. Should you need additional information or have any questions regarding this project, please do not hesitate to contact me at 561-421-1979.

Sincerely,

A handwritten signature in blue ink, appearing to read "Nick Black".

Nick Black, P.E.
PE# 84908

Cc: Rich Meckes (IRCDUS), Harrison Youngblood (IRCDUS), Leon Liberus (IRCDUS), Bert King (KH)

Attachments: Changer Order #4, TLC Request for Time Extension, Updated Schedule from TLC, TLC Letter dated 3/6/24

CHANGE ORDER

PROJECT: South Oslo Road WTP Improvements

No. 4

DATE OF ISSUANCE: March 26, 2024 EFFECTIVE DATE: _____

OWNER: Indian River County

OWNER's Contract No.: 2021026

Project No.: 044572102

CONTRACTOR: TLC Diversified, Inc

ENGINEER: Kimley-Horn & Associates, Inc.

You are directed to make the following changes in the Contract Documents:

1. Deductive change order of line item 345 in the schedule of values to IRCDUS. This credit is provided to cover costs associated with schedule delay shown in TLC latest schedule. Deductive change order includes time extension request of additional 77 days to final completion.

Attachments: Updated project schedule, Contractor request for time extension letter

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIME
Original Contract Price \$ <u>10,665,515.65</u>	Original Contract Times: Substantial Completion: 760 Ready for final payment: 820
Net changes from previous Change Orders No. <u>1, 2, 3</u> \$ <u>1,020,621.72</u>	Net change from previous Work Directives: No. <u>1</u> to No. <u>2</u> <u>197</u>
Contract Price prior to this Change Order \$ <u>11,686,137.37</u>	Contract Time prior to this Change Order Substantial Completion: <u>954</u> Ready for final payment: <u>1017</u> Days or dates
Net Increase (decrease) in this Change Order \$ <u>(54,928.65)</u>	Net Increase in this Change Order <u>77</u> days
Contract Price with all approved Change Orders \$ <u>11,631,208.72</u>	Contract Time with all approved Change Orders Substantial Completion: <u>1,046 (6/15/2024)</u> Ready for final payment: <u>1,094 (8/2/2024)</u> Days or dates

RECOMMENDED:

Nick Black, P.E.

By: KIMLEY-HORN
Engineer (Authorized Signature)

Date: 3-26-2024

APPROVED:

By: _____
Owner (Authorized Signature)

Date: _____

ACCEPTED

John P. Elders

By: _____
Contractor (Authorized Signature)

Date: 27-March-2024



Kimley-Horn
1920 Wekiva Way, Suite 200
West Palm Beach, FL 33411

27-March- 2024

Attn: Mr. Nick Black, P.E. Nick.Black@Kimley-Horn.com

Reference: Change Order #4 Time Extension.

Dear Mr. Black,

Please find a quotation for the changes requested as reference above.

Labor =	\$ 0
Material =	\$ 0
Subcontract =	\$ 0
Equipment =	\$ 0
Other=	\$ (\$54,928.65)
Labor Burden =	\$ 0
Tax =	\$ 0
OH & P subs 5% =	\$ 0
OH & P @ Self Perform 15% =	\$ 0
Subtotal =	\$ (\$54,928.65)
Bond =	\$ 0
Total Deduct =	\$ (\$54,928.65)

With the current supply chain delays that have been discussed in the project meetings it is difficult to quantify the additional time required to quote this change. TLC is therefore reserving our rights to additional time for the project that will be determined at a later date. Please provide your acceptance of this additional work and issue a change order so that TLC can release the required items for production.

Sincerely Yours,

John P. Elder (Project Manager)



OSLO WATER PLANT...

Project Start Date:04-Aug-21
Data Date:04-Mar-24

Project Finish Date: ~~19-Sep-24~~
Run Date:15-Mar-24 13:17

Activity Status	Remaining Duration	Activity Name	Activity ID	Start	Finish	2024											
						Mar	Apr	May	Jun	Jul	Aug	Sep					
OSLO WATER PLANT						04-Mar-24 02-Aug-24											
Milestones						15-Jun-24 11-Jul-24											
Not Started	0	SUBSTANTIAL COMPLETION	A1020	15-Jun-24	15-Jun-24*	11-Jul-24, Milestones											
Not Started	0	PLANT EQUIPMENT START UPS COMPLETE	A2280	15-Jun-24	15-Jun-24	SUBSTANTIAL COMPLETION											
Not Started	0	DEMOBILIZE	A1030	11-Jul-24	11-Jul-24*	PLANT EQUIPMENT START UPS COMPLETE											
Close Out Activities						15-Jun-24 02-Aug-24											
Not Started	5	Submit Letter to Engineer Stating Substantial Completion	A1090	15-Jun-24	20-Jun-24	02-Aug-24, Close Out Activities											
Not Started	5	Engineer To Inspect Project	A1470	20-Jun-24	26-Jun-24	Submit Letter to Engineer Stating Substantial Completion											
Not Started	5	Engineer to Provide List of Items To Complete	A1560	26-Jun-24	01-Jul-24	Engineer To Inspect Project											
Not Started	10	Punchlist	A2150	02-Jul-24	11-Jul-24	Engineer to Provide List of Items To Complete											
Not Started	1	Engineer Reinspection Following Punchlist	A2730	11-Jul-24	12-Jul-24	Punchlist											
Not Started	1	Remove Engineer's Trailer from Project	A5270	12-Jul-24	13-Jul-24	Engineer Reinspection Following Punchlist											
Not Started	2	Contractor provide Record Documents	A5020	13-Jul-24	16-Jul-24	Remove Engineer's Trailer from Project											
Not Started	5	Contractor Provide Evidence of Compliance	A2740	16-Jul-24	20-Jul-24	Contractor provide Record Documents											
Not Started	5	Contractor Provide Final Statement of Accounting to Engineer	A5030	22-Jul-24	25-Jul-24	Contractor Provide Evidence of Compliance											
Not Started	2	Engineer Provide Final Change Order	A5040	26-Jul-24	29-Jul-24	Contractor Provide Final Statement of Accounting to Engineer											
Not Started	5	Contractor Prepare and Submit Final Payment Application	A5050	29-Jul-24	02-Aug-24	Engineer Provide Final Change Order											
GENERAL SITE ITEMS (ASPHALT AND SEE)						0											
FAB & DELIVER MATERIALS FOR LABORATORY IMPROVEMENTS						30-Apr-24 20-May-24											
Not Started	20	DELIVER AND INSTALL LAB SHELVING REPLACEMENT	A12700	30-Apr-24*	20-May-24	20-May-24, FAB & DELIVER MATERIALS FOR LABORATORY IMPROVEMENTS											
CONSTRUCT TRAIN #3 NANO-FILTER						04-Mar-24 11-Mar-24											
Not Started	4	LOAD NEW NANO-FILTER FILTER ELEMENTS	A7330	04-Mar-24	07-Mar-24	Mar-24, CONSTRUCT TRAIN #3 NANO-FILTER											
Not Started	1	CONDUCT TRAIN #3 FUNCTIONAL TESTING	A7340	07-Mar-24	07-Mar-24	NEW NANO-FILTER FILTER ELEMENTS											
Not Started	2	BAC-T TEST NANO-FILTER TRAIN #2 & ACHIEVE 2 CONSECUTIVE PASSING TESTS	A7350	08-Mar-24	11-Mar-24	JCT TRAIN #3 FUNCTIONAL TESTING											
Not Started	0	SUBMIT QUALITY OF FEED AND PERMEATE WATER QUALITY TEST RESULTS	A7360	11-Mar-24	11-Mar-24	C-T TEST NANO-FILTER TRAIN #2 & ACHIEVE 2 CONSECUTIVE PASSING TESTS											
Not Started	0	SUBMIT FOR PARTIAL CLEARANCE TO FDEP & RECEIVE ACCEPTANCE	A7370	11-Mar-24	11-Mar-24	BMIT QUALITY OF FEED AND PERMEATE WATER QUALITY TEST RESULTS											
Not Started	0	PERFORM START UP AND TRAINING FOR NANO-FILTER TRAIN #3	A7380	11-Mar-24	11-Mar-24	BMIT FOR PARTIAL CLEARANCE TO FDEP & RECEIVE ACCEPTANCE											
Not Started	0	TRAIN #3 NANO-FILTER IS READY TO PLACE INTO SERVICE	A7390	11-Mar-24	11-Mar-24	RFORM START UP AND TRAINING FOR NANO-FILTER TRAIN #3											
CONSTRUCT TRAIN #4 NANO-FILTER						11-Mar-24 08-Apr-24											
Not Started	1	FAB & DELIVER NANO FILTER EQUIPMENT PACKAGE TRAIN #4	A13940	11-Mar-24	11-Mar-24	08-Apr-24, CONSTRUCT TRAIN #4 NANO-FILTER											
Not Started	5	DEMO / REMOVE EXISTING NANO FILTER #4	A7610	11-Mar-24	15-Mar-24	B & DELIVER NANO FILTER EQUIPMENT PACKAGE TRAIN #4											
Not Started	2	LAYOUT TRAIN #4 NANO-FILTER AREA IN PREPARATION TO INSTALL NEW FILTER RACKS	A7600	15-Mar-24	18-Mar-24	DEMO / REMOVE EXISTING NANO FILTER #4											
Not Started	1	REMOVE FEEDWATER PUMP FOR TRAIN #4	A7620	15-Mar-24	15-Mar-24	LAYOUT TRAIN #4 NANO-FILTER AREA IN PREPARATION TO INSTALL NEW FILTER RACKS											
Not Started	3	INSTALL NEW FEEDWATER PIPING AND VALVES & PRESSURE SWITCHES @ TRAIN #4	A7770	15-Mar-24	19-Mar-24	REMOVE FEEDWATER PUMP FOR TRAIN #4											
Not Started	5	RETROFIT FEEDWATER PUMP FOR TRAIN #4	A7630	16-Mar-24	21-Mar-24	INSTALL NEW FEEDWATER PIPING AND VALVES & PRESSURE SWITCHES @ TRAIN #4											
Not Started	3	INSTALL AND ANCHOR NANO FILTER STAINLESS SUPPORTS INTO CONCRETE	A7650	18-Mar-24	20-Mar-24	RETROFIT FEEDWATER PUMP FOR TRAIN #4											
Not Started	5	WIRE UP ELECTRIC VALVES & PRESSURE SWITCHES @ FEEDWATER PIPING TRAIN #4	A7780	19-Mar-24	23-Mar-24	INSTALL AND ANCHOR NANO FILTER STAINLESS SUPPORTS INTO CONCRETE											
Not Started	3	INSTALL FILTER VESSELS AND ASSOCIATED INFLUENT & EFFLUENT PIPING & VALVES	A7660	20-Mar-24	23-Mar-24	WIRE UP ELECTRIC VALVES & PRESSURE SWITCHES @ FEEDWATER PIPING TRAIN #4											
Not Started	5	INSTALL RETROFITED FEEDWATER PUMP FOR TRAIN #4	A7640	21-Mar-24	27-Mar-24	INSTALL FILTER VESSELS AND ASSOCIATED INFLUENT & EFFLUENT PIPING & VALVES											
Not Started	3	INSTALL ALL CONTROL NANO-FILTER PANELS AND SENSORS	A7670	23-Mar-24	27-Mar-24	INSTALL RETROFITED FEEDWATER PUMP FOR TRAIN #4											
Not Started	2	PRESSURE TEST ALL PIPES, VALVES AND CONNECTIONS	A7680	27-Mar-24	28-Mar-24	INSTALL ALL CONTROL NANO-FILTER PANELS AND SENSORS											
Not Started	4	INSTALL ELECTRICAL CONDUITS, WIRES AND CONNECTIONS TO NANO-FILTER SYSTEM	A7690	28-Mar-24	02-Apr-24	PRESSURE TEST ALL PIPES, VALVES AND CONNECTIONS											
Not Started	0	ENERGIZE NANO FILTER TRAIN #4 SYSTEM	A7700	02-Apr-24	02-Apr-24	INSTALL ELECTRICAL CONDUITS, WIRES AND CONNECTIONS TO NANO-FILTER SYSTEM											
Not Started	3	LOAD NEW NANO-FILTER FILTER ELEMENTS	A7710	02-Apr-24	04-Apr-24	ENERGIZE NANO FILTER TRAIN #4 SYSTEM											
Not Started	0	CONDUCT TRAIN #4 FUNCTIONAL TESTING	A7720	05-Apr-24	05-Apr-24	LOAD NEW NANO-FILTER FILTER ELEMENTS											
Not Started	2	BAC-T TEST NANO-FILTER TRAIN #2 & ACHIEVE 2 CONSECUTIVE PASSING TESTS	A7730	05-Apr-24	08-Apr-24	CONDUCT TRAIN #4 FUNCTIONAL TESTING											
Not Started	0	SUBMIT QUALITY OF FEED AND PERMEATE WATER QUALITY TEST RESULTS	A7740	08-Apr-24	08-Apr-24	BAC-T TEST NANO-FILTER TRAIN #2 & ACHIEVE 2 CONSECUTIVE PASSING TESTS											
Not Started	0	PERFORM START UP AND TRAINING FOR NANO-FILTER TRAIN #4	A7750	08-Apr-24	08-Apr-24	SUBMIT QUALITY OF FEED AND PERMEATE WATER QUALITY TEST RESULTS											
Not Started	0	TRAIN #4 NANO-FILTER IS READY TO PLACE INTO SERVICE	A7760	08-Apr-24	08-Apr-24	PERFORM START UP AND TRAINING FOR NANO-FILTER TRAIN #4											
CONSTRUCT TRAIN #1 NANO-FILTER						25-Mar-24 22-Apr-24											
Not Started	1	FAB & DELIVER NANO FILTER EQUIPMENT PACKAGE TRAIN #1	A13990	25-Mar-24*	25-Mar-24	22-Apr-24, CONSTRUCT TRAIN #1 NANO-FILTER											
Not Started	5	DEMO / REMOVE EXISTING NANO FILTER #1	A8110	25-Mar-24*	28-Mar-24	FAB & DELIVER NANO FILTER EQUIPMENT PACKAGE TRAIN #1											
Not Started	2	LAYOUT TRAIN #1 NANO-FILTER AREA IN PREPARATION TO INSTALL NEW FILTER RACKS	A8010	29-Mar-24	01-Apr-24	DEMO / REMOVE EXISTING NANO FILTER #1											
Not Started	1	REMOVE FEEDWATER PUMP #?	A8120	29-Mar-24	29-Mar-24	LAYOUT TRAIN #1 NANO-FILTER AREA IN PREPARATION TO INSTALL NEW FILTER RACKS											
Not Started	3	INSTALL NEW FEEDWATER PIPING AND VALVES & PRESSURE SWITCHES @ TRAIN #1	A14020	29-Mar-24	01-Apr-24	REMOVE FEEDWATER PUMP #?											
Not Started	5	RETROFIT FEEDWATER PUMP #?	A14000	29-Mar-24	04-Apr-24	INSTALL NEW FEEDWATER PIPING AND VALVES & PRESSURE SWITCHES @ TRAIN #1											
Not Started	3	INSTALL AND ANCHOR NANO FILTER STAINLESS SUPPORTS INTO CONCRETE @ TRAIN #1	A8020	01-Apr-24	03-Apr-24	RETROFIT FEEDWATER PUMP #?											
Not Started	5	WIRE UP ELECTRIC VALVES & PRESSURE SWITCHES @ FEEDWATER PIPING TRAIN #1	A14030	02-Apr-24	05-Apr-24	INSTALL AND ANCHOR NANO FILTER STAINLESS SUPPORTS INTO CONCRETE @ TRAIN #1											
Not Started	3	INSTALL FILTER VESSELS AND ASSOCIATED INFLUENT & EFFLUENT PIPING & VALVES TRAIN #1	A8030	03-Apr-24	05-Apr-24	WIRE UP ELECTRIC VALVES & PRESSURE SWITCHES @ FEEDWATER PIPING TRAIN #1											
Not Started	1	REINSTALL RETROFITED FEEDWATER PUMP #?	A14010	04-Apr-24	05-Apr-24	INSTALL FILTER VESSELS AND ASSOCIATED INFLUENT & EFFLUENT PIPING & VALVES TRAIN #1											

- █ Actual Work
- █ Remaining Work
- █ Critical Remaining Work
- ◆ Milestone
- Summary

TLC Diversified, Inc.



OSLO WATER PLANT...

Project Start Date: 04-Aug-21
Data Date: 04-Mar-24

Project Finish Date: 10-Sep-24
Run Date: 15-Mar-24 13:17

Activity Status	Remaining Duration	Activity Name	Activity ID	Start	Finish	March 2024			April 2024			May 2024			June 2024			July 2024			August 2024			September 2024					
						17	24	31	07	14	21	28	05	12	19	26	02	09	16	23	30	07	14	21	28	04	11	18	25
Not Started		3 INSTALL ALL CONTROL NANO-FILTER PANELS AND SENSORS TRAIN #1	A8040	06-Apr-24	09-Apr-24																								
Not Started		2 PRESSURE TEST ALL PIPES, VALVES AND CONNECTIONS TRAIN #1	A8050	10-Apr-24	11-Apr-24																								
Not Started		4 INSTALL ELECTRICAL CONDUIT, WIRES AND CONNECTIONS NANO-FILTER SYSTEM TRAIN #1	A8060	11-Apr-24	16-Apr-24																								
Not Started		0 ENERGIZE NANO FILTER TRAIN #1 SYSTEM	A8140	16-Apr-24	16-Apr-24																								
Not Started		3 LOAD NEW NANO-FILTER FILTER ELEMENTS TRAIN #1	A8150	16-Apr-24	18-Apr-24																								
Not Started		0 CONDUCT TRAIN #1 FUNCTIONAL TESTING	A8160	18-Apr-24	18-Apr-24																								
Not Started		2 BAC-T TEST NANO-FILTER TRAIN #1 & ACHIEVE 2 CONSECUTIVE PASSING TESTS	A8170	18-Apr-24	20-Apr-24																								
Not Started		0 SUBMIT QUALITY OF FEED AND PERMEATE WATER QUALITY TEST RESULTS TRAIN #1	A8180	22-Apr-24	22-Apr-24																								
Not Started		0 PERFORM START UP AND TRAINING FOR NANO-FILTER TRAIN #1	A8190	22-Apr-24	22-Apr-24																								
Not Started		0 TRAIN #1 NANO-FILTER IS READY TO PLACE INTO SERVICE	A8200	22-Apr-24	22-Apr-24																								
		OFFSITE WELL MODIFICATIONS	35	04-Mar-24	08-Apr-24	08-Apr-24, OFFSITE WELL MODIFICATIONS																							
Not Started		7 WELL #6 REPLACE RTU CP WITH NEW WELL S6 PLC, ENERGIZE & PLACE INTO SERVICE	A9030	04-Mar-24	11-Mar-24	WELL #6 REPLACE RTU CP WITH NEW WELL S6 PLC, ENERGIZE & PLACE INTO SERVICE																							
Not Started		5 WELL #5 PROVIDE FO CABLE IN EXIST. 2" CONDUITS, TERMINATE AT PATCH PANEL S5 PLC	A9020	11-Mar-24	15-Mar-24	WELL #5 PROVIDE FO CABLE IN EXIST. 2" CONDUITS, TERMINATE AT PATCH PANEL S5 PLC																							
Not Started		5 WELL #5 REPLACE EXIST. RTU W/ PLC WSP ENCLOSURE, ENERGIZE & PLACE INTO SERVICE	A9010	15-Mar-24	20-Mar-24	WELL #5 REPLACE EXIST. RTU W/ PLC WSP ENCLOSURE, ENERGIZE & PLACE INTO SERVICE																							
Not Started		2 WELL #2 INSTALL (FO) FIBER OPTIC PULL BOX	A8400	20-Mar-24	22-Mar-24	WELL #2 INSTALL (FO) FIBER OPTIC PULL BOX																							
Not Started		5 WELL #2 INSTALL 120 LF OF (2) 2" CONDUITS FOR WELL S2	A8410	22-Mar-24	27-Mar-24	WELL #2 INSTALL 120 LF OF (2) 2" CONDUITS FOR WELL S2																							
Not Started		5 WELL #2 REPLACE EXISTING RTU CP W/ PLC WS2, ENERGIZE & PLACE INTO SERVICE	A8990	28-Mar-24	02-Apr-24	WELL #2 REPLACE EXISTING RTU CP W/ PLC WS2, ENERGIZE & PLACE INTO SERVICE																							
Not Started		5 DEMO EXISTING (CTU) RADIO & COMPONENTS AFTER ALL WELLS CONNECTED TO FIBER COMMUNICAT	A8480	02-Apr-24	08-Apr-24	DEMO EXISTING (CTU) RADIO & COMPONENTS AFTER ALL WELLS CONNECTED TO FIBER COMMUNICATION																							
Not Started		1 ELECTRICAL WELL FIELD MODIFICATIONS COMPLETE	A8560	08-Apr-24	08-Apr-24	ELECTRICAL WELL FIELD MODIFICATIONS COMPLETE																							
		ELECTRICAL PANELS #1,2,3 & 4 MODIFICA	0																										
		HIGH SERVICE PUMPS #1,2 & 3 INSTALL NI	0																										
		CONSTRUCT TRAIN #2 NANO-FILTER	0																										
		INSTALLATION OF SULFURIC ACID METER	0																										
		4000 GALLON BULK CAUSTIC (NaOH) STO	33	04-Mar-24	05-Apr-24	05-Apr-24, 4000 GALLON BULK CAUSTIC (NaOH) STORAGE TANK & CONTAINMENT																							
Not Started		10 CONNECT CPVC PIPING (FILL, OVERFLOW, VENT, FEED PUMP SUPPLY)	A8690	04-Mar-24	13-Mar-24	CONNECT CPVC PIPING (FILL, OVERFLOW, VENT, FEED PUMP SUPPLY)																							
Not Started		1 INSTALL QUICK CONNECT FILL CONNECTION(S)	A8700	13-Mar-24	14-Mar-24	INSTALL QUICK CONNECT FILL CONNECTION(S)																							
Not Started		2 INSTALL TANK LEVEL TRANSMITTER & LEVEL INDICATOR AND START UP & CHECK OUT	A8710	14-Mar-24	15-Mar-24	INSTALL TANK LEVEL TRANSMITTER & LEVEL INDICATOR AND START UP & CHECK OUT																							
Not Started		3 INSTALL ELECTRICAL HEAT TRACE (SEE SHEET E-10)	A8720	16-Mar-24	19-Mar-24	INSTALL ELECTRICAL HEAT TRACE (SEE SHEET E-10)																							
Not Started		5 INSTALL ISOLATION VALVES AT SITE GLASS	A8770	01-Apr-24*	04-Apr-24	INSTALL ISOLATION VALVES AT SITE GLASS																							
Not Started		1 START UP AND CHECK OUT NEW BULK CAUSTIC TANK	A8750	05-Apr-24	05-Apr-24	START UP AND CHECK OUT NEW BULK CAUSTIC TANK																							
Not Started		0 CAUSTIC TANK IS READY TO BE FILLED AND PLACED INTO SERVICE	A8760	05-Apr-24	05-Apr-24	CAUSTIC TANK IS READY TO BE FILLED AND PLACED INTO SERVICE																							
		RELOCATION OF (HFA) HYDROFLUORIC A	0																										
		CO2 CARBON DIOXIDE TANK CONSTRUCT	39	04-Mar-24	11-Apr-24	11-Apr-24, CO2 CARBON DIOXIDE TANK CONSTRUCTION (REDUCES PH)																							
Not Started		15 SCHEDULE START-UP ON DATE ACCEPTABLE TO OWNER	A8310	04-Mar-24	19-Mar-24	SCHEDULE START-UP ON DATE ACCEPTABLE TO OWNER																							
Not Started		1 PERFORM START UP & TRAINING FOR NEW CO2 TANK	A8330	11-Apr-24*	11-Apr-24	PERFORM START UP & TRAINING FOR NEW CO2 TANK																							
Not Started		0 CO2 SYSTEM READY FOR OPERATION	A8360	11-Apr-24	11-Apr-24	CO2 SYSTEM READY FOR OPERATION																							
		INSTALL NEW PERMEATE & CONCENTRAT	10	04-Mar-24	13-Mar-24	13-Mar-24, INSTALL NEW PERMEATE & CONCENTRATE PIPING IN BUILDING TRENCH																							
Not Started		5 INSTALL NEW PERMEATE AND CONCENTRATE PIPING IN CHANNELS	A7000	04-Mar-24	07-Mar-24	INSTALL NEW PERMEATE AND CONCENTRATE PIPING IN CHANNELS																							
Not Started		5 CONNECT NEW R/O UNITS TO NEW SS PIPE PERMEATE & CONCENTRATE (& REMOVE OLD PIPES)	A7010	08-Mar-24	13-Mar-24	CONNECT NEW R/O UNITS TO NEW SS PIPE PERMEATE & CONCENTRATE (& REMOVE OLD PIPES)																							
		INSTALL FEEDWATER PIPING	0																										
		INSTALL SS PERMEATE AND CONCENTRA	37	04-Mar-24	10-Apr-24	10-Apr-24, INSTALL SS PERMEATE AND CONCENTRATE PIPING FILTER PERMEATE PIPE IN TRENCHES																							
Not Started		10 INSTALL 14" STAINLESS (NFP) NANO-FILTER PERMEATE @ TRENCH AND PRESSURE TEST + BAC-T	A6610	04-Mar-24	13-Mar-24	INSTALL 14" STAINLESS (NFP) NANO-FILTER PERMEATE @ TRENCH AND PRESSURE TEST + BAC-T																							
Not Started		5 INSTALL 10" STAINLESS (NFC) FILTER CONCENTRATE @ TRENCH AND PRESSURE TEST + BAC-T	A6800	13-Mar-24	19-Mar-24	INSTALL 10" STAINLESS (NFC) FILTER CONCENTRATE @ TRENCH AND PRESSURE TEST + BAC-T																							
Not Started		10 FAB AND DELIVER 1 FOOT LONG SS SPOOLS FOR FINAL CONNECTIONS	A6930	15-Mar-24*	26-Mar-24	FAB AND DELIVER 1 FOOT LONG SS SPOOLS FOR FINAL CONNECTIONS																							
Not Started		5 CONNECT NANO-FILTERS 3 THROUGH 4 TO NEW SS PERMEATE AND CONCENTRATE PIPING	A6920	26-Mar-24	30-Mar-24	CONNECT NANO-FILTERS 3 THROUGH 4 TO NEW SS PERMEATE AND CONCENTRATE PIPING																							
Not Started		10 INSTALL ALUMINUM GRATING SAT TROUGHS	A6870	30-Mar-24	10-Apr-24	INSTALL ALUMINUM GRATING SAT TROUGHS																							
		DEMO AND REPLACE (RWB) RAW WATER I	48	04-Mar-24	22-Apr-24	22-Apr-24, DEMO AND REPLACE (RWB) RAW WATER BLEND STAINLESS PIPE SHEET C-7																							
Not Started		2 COMMENCE COMPLETION OF (RWB) AUTOMATIC ACID FEED	A6850	04-Mar-24	05-Mar-24	CE COMPLETION OF (RWB) AUTOMATIC ACID FEED																							
Not Started		40 DELIVER NEW HDPE 90 AND STICKS OF PIPE W/ FLANGE (OUTSIDE OF CONTRACT)	A6790	05-Mar-24	16-Apr-24	DELIVER NEW HDPE 90 AND STICKS OF PIPE W/ FLANGE (OUTSIDE OF CONTRACT)																							
Not Started		40 DELIVER FLOW METER FOR CHANGE ORDER WORK AT (RWB)	A6840	05-Mar-24	16-Apr-24	DELIVER FLOW METER FOR CHANGE ORDER WORK AT (RWB)																							
Not Started		15 DELIVER ACID DOUBLE CONTAINMENT PIPE	A6860	05-Mar-24	20-Mar-24	DELIVER ACID DOUBLE CONTAINMENT PIPE																							
Not Started		5 INSTALL ACID DOUBLE CONTAINMENT PIPE	A6900	20-Mar-24	26-Mar-24	INSTALL ACID DOUBLE CONTAINMENT PIPE																							
Not Started		5 INSTALL FLOW METER FROM CHANGE ORDER	A6880	16-Apr-24	20-Apr-24	INSTALL FLOW METER FROM CHANGE ORDER																							
Not Started		5 INSTALL NEW HDPE 90 AND STICKS OF PIPE W/ FLANGE (OUTSIDE OF CONTRACT)	A6890	16-Apr-24	20-Apr-24	INSTALL NEW HDPE 90 AND STICKS OF PIPE W/ FLANGE (OUTSIDE OF CONTRACT)																							
Not Started		1 START UP ON NEW 6" (RWB) CONTROL VALVE & ACID INJECTION	A6770	20-Apr-24	22-Apr-24	START UP ON NEW 6" (RWB) CONTROL VALVE & ACID INJECTION																							
		INSTALL 10" SS CONCENTRATE PIPING AT	30	22-Apr-24	22-May-24	22-May-24, INSTALL 10" SS CONCENTRATE PIPING AT CTF (CONCENTRATE FEED BLDG)																							
Not Started		5 COMMENCE STAINLESS REPLACEMENT AT CTF BUILDING	A6560	22-Apr-24	26-Apr-24	COMMENCE STAINLESS REPLACEMENT AT CTF BUILDING																							
Not Started		5 INSTALL NEW 12" STAINLESS CONCENTRATE PIPE, FITTINGS, VALVES @ CONCENTRATE BLDG C-10	A6540	26-Apr-24	02-May-24	INSTALL NEW 12" STAINLESS CONCENTRATE PIPE, FITTINGS, VALVES @ CONCENTRATE BLDG C-10																							

- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone
- Summary

TLC Diversified, Inc.

FL 34221



Mr. Harrison Youngblood, P.E (Utilities Engineer for Indian River County)

06-March-2024

Indian River County
1800 27th Street (Building "B")
Vero Beach, Florida 32960

Subject: Indian River Contract No. 2021026 Delays Beyond the Contractors Control.

Dear Mr. Youngblood,

TLC Diversified is in receipt of your letter dated 01-March-2024 requesting TLC to provide an updated Finishing Schedule with a written request for an extension of Contract time to include valid reasons for an extension. The letter also references the liquidated damages clause in the contract.

Please note that TLC is relying on these same documents under General Conditions section 12.03 A and 12.03 C dealing with Delays beyond the control of the Contractor. A portion of this was modified under the Supplemental General Conditions where 12.03 A was removed and replaced with modified verbiage.

Delays beyond the Contractors control are delineated in this section and state, " Where Contractor is delayed or prevented from completing any part of the Work within the Contract Times due to delay beyond the control of the Contractor, the Contract Times (or Milestones) will be extended" The Contractor is tasked with providing evidence that the delay(s) impacted the critical path and prove that delays were caused by various items out of his control including acts of God and Owner related delays.

TLC and our subcontractors and suppliers have experienced multiple and ongoing delays throughout this project which have affected our anticipated completion date. The entire construction industry is experiencing this issue on projects of long durations that overlapped with the Worldwide pandemic. We continue to ask the Owner for assistance in limiting these delays as this project is **hypersensitive to any delays, critical shutdown requests and out of sequence work.**

TLC has commented throughout this project that we scheduled the project correctly but in reality, were forced to build it backwards and out of sequence because of the disastrous and ongoing delays caused by the pandemic.

TLC issued a written (friendly Notice) to the Engineer and Owner on 29-December-2021. We provided examples of (pricing escalations / delivery delays / labor shortages) and expressed that the project would run over. The Notice informed all parties not of one delay but instead a catastrophic set of (plural) delays in every part of the project. TLC requested help from the Owner and Engineer to deal with these issues and explained how TLC was self-performing many parts of the work in order to maintain forward motion in any place that was possible. Further examples of this can be discussed in necessary.

TLC has provided the Owner notice of delays both verbally in meetings and in writing as evidenced by language in each of the change orders stating, "with the current supply chain delays that have been discussed in the project meetings it is difficult to quantify the additional time required to quote this change. TLC is therefore reserving our rights to additional time for the project that will be determined at a later date."

An important point that needs to be relayed before discussing the delays and remedies to them, is the sequencing of different interconnected systems that are specific and re-occurring on this project. Each of these systems are hypersensitive to any delays, critical shutdown requests or out of sequence work.

The work activities on this Oslo Road project were intentionally designed to be performed in series and not in parallel in order to maintain potable water delivery to customers in sufficient quantity and quality without interruption. As a result, any delay in any part of the project affects the entire series of activities on the entire project. For example:

- The New HSP pumps #4 and #5 had to be installed and operational before the existing HSP pumps 1,2,3 could be taken offline and renovated.
- Only one of four R/O skids can be taken offline and completely replaced including the initial demolition of the existing skid and related instrumentation and electrical work.
- Only one feedwater pump out of five can be taken off line at any given time including the demolition of the existing connecting 8" feedwater manifolds that selectively feed each of the four existing R/O skids.
- The R/O permeate and concentrate stainless piping in the pipe trenches require complete demolition and then require a completely new larger stainless piping system installed in specific sequences in order to tie in the new R/O systems while keeping the existing R/O systems and entire plant operational.
- There are many other areas with these requirements, but we only want to point out that work throughout this Contract must happen in specific sequences.
- Adding more people does not necessarily allow for more work to progress. For instance, TLC cannot go in and demo all of the existing R/O skids.
- Please note that TLC offered suggestions that would allow the Contractor to build uninhibited by the phasing constraints which would allow for much faster progress. Each of these requests were not acceptable to the Owner.

TLC utilized specified companies on this project and expected nothing short of on time and complete deliveries followed by the timely installation of each of the materials. We instead have continued to face delays beyond the control of not only the General Contractor but also to each of our suppliers and subcontractors.

Being specific to your request,

TLC provided a Finishing Schedule with a request for an extension of time for reasons delineated above. These re-scheduled activities rely on all predecessors to be completed before the next activity can begin

and each of the activities must be completed before its successor can begin. A slippage in only one the activities potentially delays all activities down line from it.

The Off-site Well Modifications were delayed by deteriorated optic cables that needed to be replaced. Multiple meetings were held which ultimately resulted in modifications to the fiber optic cables. The final solution was to replace portions of existing fiber to make the SCADA system reliable. Since that time, the work to complete these four wells has been scheduled. Two of them are now completed including the installation of the associated new control panels. The remaining two wells are scheduled for CC Controls and Paragon Electric to complete on Monday 06-March-2024 and the remaining has been scheduled for Monday 13-March-2024.

R/O Nano-Filter R/O Skid Work:

The work for the demolition of the first existing (R/O Skid) Nano-Filter is completed and is reported as functioning as intended.

The delays at the second R/O skid installation were extensive:

- out of sequence work to repair the Owners emergency leak.
- Delays in receipt of Aerex stainless piping.
- Delays by specified but malfunctioning R/O permeate flow meter(s).
- Delays by the denial of multiple requests to shut down the plant to tie in the R/O system.
- This was followed by delays when Harn left the site to go to another available project.
- Delays caused by a malfunctioning feedwater pump.
- These issues have now all been corrected, and the filter membrane loading is now scheduled for 04-March-2024.
- Because this project was designed in series and not in parallel, the delays to the second R/O skid also cause delay to the third and fourth skids and the Feed pump replacements and the Feedwater Pipe replacement and on down the line. We are working with the Engineer and the Owner to streamline the removal and replacement of these final skid(s).

Regarding Stainless Steel Pipe Delivery and Installation:

The project has been severely delayed by the absence of the stainless-steel pipe delivery(s). We now have delivery of this stainless-steel piping for all areas on the schedule. TLC has also intentionally increased its labor force after receiving this piping and is currently installing the stainless piping systems.

Demolition and Replacement of the (RWB) Raw Water blend Piping:

- This was part of the delayed pipe delivery and was discussed above to correct the Emergency Owner leak. The piping is installed and operational but has some accessories that need to be replaced. These accessories are on order and are included on the updated Finishing schedule for completion.

Clean In Place System:

The (CIP) Clean in Place system orders are being written and shop drawings are forthcoming. The materials for this work are on site and installation of the Mezzanine support system will also be on the updated Finishing Schedule.

The Acid Feed system in the Finishing Schedule is installed and is in operation.

The 4000 Gallon Bulk Storage tank is installed and will be scheduled for start-up in the updated Finishing Schedule.

The Co2 system final start up and tank filling is in process of being scheduled. TLC requested 2 start-up dates from the Manufacturer (Tomco) for the Owner to choose from in an email dated 29-February. We are confident that this work will be completed in the next few weeks.

TLC has not left the site since the day we mobilized. We have enjoyed a good working relationship with the Plant Superintendent and with the Owner and Engineer which is sometimes difficult on contracts that last longer than 1 year. We ask that the Owner provide an extension of time and avoid the Liquidated Damages route on this project. That route would be a slippery slope knowing what we have all experienced over the life of this project regarding delays beyond our control and especially on a phased project such as this one.

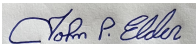
TLC has written many "do better letters" to suppliers and subcontractors over the life of this project and have had some heated discussions informing them to execute their work even in the face of the delays that we are all experiencing.

TLC has asked only for additional time on this project. We have already endured and continue to pay a heavy price for the extended overhead, supervision and even for extra work that the Owner has never received an invoice for. TLC is committed to completing the remaining work on this project as efficiently and as quickly as possible and ask that the Owner provide an extension of time for this request.

We look forward to the safe and expeditious closure to this project and appreciate any assistance the Owner and Engineer can offer.

Sincerely,

TLC Diversified, Inc.



John Elder

Project Manager



Mr. Harrison Youngblood, P.E (Utilities Engineer for Indian River County) 15-March-2024
Indian River County
1800 27th Street (Building “B”)
Vero Beach, Florida 32960
Subject: Indian River Contract No. 2021026 Delays Beyond the Contractors Control.

Dear Mr. Youngblood,

TLC Diversified is in receipt of the email from Kimley-horn dated 14-March-2024 and is requesting an extension of time for the Oslo Road WTP in accordance with the dates proposed by the Engineer with a few minor date changes as shown below.

1. TLC started up Train 3 – 3/11/2024 – **MILESTONE DATE MET BY TLC**
2. TLC began demolition of Train 4 – 3/11/2024 and will complete demo 3/15/2024 – **MILESTONE DATE MET BY TLC**
3. Caustic Startup **REQUESTED** – week of 3/18/2024. The Caustic tank requires isolation valves to be installed at the site glass. **New Startup date is scheduled for 4/05/2024**
4. CO2 Startup **REQUESTED** – week of 3/18/2024. The Manufacturer is not available for Startup services until week of April 8, 2024. **New Startup date is scheduled for 4/09/2024**
5. Permeate and concentrate piping installed, tested and bac-t’d – week of 3/18/2024. Large sections of pipe are installed. We require (1 foot long) sections from Aerex. **New date is scheduled for 3/30/2024**
6. Train 1 Demo – 3/25/2024 **Schedule reflects this date.**
7. Train 4 Startup – 4/8/2024 **Schedule reflects this date.**
8. Wellfield FO Panel work complete 4/12/2024 **Schedule reflects this date.**
9. CTF piping complete - 4/15/2022 **Schedule reflects this date.**
10. Train 1 startup – 4/22/2024 **Schedule reflects this date.**
11. Raw water acid piping complete week of 4/22/2024 **Schedule reflects this date.**
12. CIP system complete – 6/15/2024 **Schedule reflects this date.**
13. Substantial completion 6/15/2024 –. **Schedule reflects this date.**
14. Final completion 8/2/2024 **Schedule reflects this date.**

TLC understands that the Engineer has recommended IRCDUS to grant TLC a time extension request of final completion up to 8/2/24 under the following conditions:

- A. TLC agrees to the final completion date of 8/2/2024 and will provide an updated schedule reflecting that date.
- B. TLC will provide weekly updates to the construction schedule.

- C. TLC will hold the milestone dates and provide plans for how to perform schedule recovery should milestone date not be met.
- D. TLC project management team will be present at the site for bi-weekly progress meetings through completion date 8/2
- E. There will be no more than 3 week of overlap of time where the Owner does not have beneficial use of Train 1 and Train 4
- F. TLC will maintain a current Certificate of Insurance on file with IRCDUS

TLC has already re-scheduled the project (schedule attached) with dates that match the time frames Recommended by the Engineer, and we ask that a time extension be provided by change order to the project. We look forward to the safe and expeditious closure to this project and appreciate any assistance the Owner and Engineer can offer during this process.

Sincerely,

TLC Diversified, Inc.



John Elder
Project Manager