

CONTRACT, LEASE, AGREEMENT CONTROL FORM

Date: 05/13/2019

Contract/Lease Control #: C19-2808-WS

Procurement#: ITB WS 16-19

Contract/Lease Type: CONTRACT

Award To/Lessee: LAYNE CHRISTENSEN COMPANY

Owner/Lessor: OKALOOSA COUNTY

Effective Date: 05/07/2019

Expiration Date: 05/06/2022 W/2 1 YR RENEWALS

Description of Contract/Lease: MAINT. & EMERGENCY REPAIRS TO WELLS

Department: WS

Department Monitor: LITTRELL

Monitor's Telephone #: 850-651-7171

Monitor's FAX # or E-mail: JLITTRELL@MYOKALOOSA.COM

Closed:

Cc: Finance Department Contracts & Grants Office



OKALOOSA COUNTY WATER & SEWER ADMINISTRATION

October 6, 2021

CONTRACT: C19-2808-WS
LAYNE CHRISTENSEN COMPANY
MAINT & EMERGENCY REPAIR TO WELLS
EXPIRES: 05/06/2022 W/2 1 YR RENEWALS

Mr. Tristan Parsley, Project Manager
Layne Christensen Company
3720 North Palafox Street
Pensacola, FL 32505

**RE: Notice to Proceed – BWB #4 Well – Disinfection
County Contract #C19-2808-WS**

Dear Mr. Parsley:

Please consider this letter as the notice to proceed with work at BWB #4 Well, as outlined in your quote dated October 6, 2021 (attached). We expect the work performed to not exceed the price quoted in that correspondence. Your total estimate is \$5,180.00 for the scope of work described. Work is per the specifications and terms of the above-mentioned contract.

Please note that any work that may be charged in excess of your estimate will require prior written approval from OCWS.

The County has the right to inspect all work.

Should you need any further information or have any questions, don't hesitate to contact me at 850-685-0297 or Water Operations Supervisor Chris Pelfrey at 850-978-1674. Time is of the essence on this work. The well is already offline, and minimizing downtime is extremely important; please stay in touch with Chris regarding schedule. Thank you in advance for taking care of this work as soon as possible.

Sincerely,

Mark Wise
Deputy Director

cc: OCWS
Purchasing



OKALOOSA COUNTY WATER & SEWER ADMINISTRATION

CONTRACT#: C19-2808-WS
LAYNE CHRISTENSEN COMPANY
MAINT & EMERGENCY REPAIR TO WELLS
EXPIRES: 05/06/2022 W/2 1 YR RENEWALS

March 12, 2021

Mr. Tristan Parsley, Project Manager
Layne Christensen Company
3720 North Palafox Street
Pensacola, FL 32505

**RE: Revised Notice to Proceed #2 – Seashore Booster Station – Pump Replacement (all 3)
County Contract #C19-2808-WS**

Dear Mr. Parsley:

Please consider this letter as a Revised Notice to Proceed (NTP) with additional work at the Seashore Booster Station, as outlined in your updated quote from March 9, 2021 (attached). We expect the work performed to not exceed the price quoted in that correspondence. Your total estimate is \$43,102.75 for the scope of work described. To clarify, this work is above and beyond the work issued in the first Notice to Proceed, dated 1/26/2021. The previous NTP #2 (for \$40,474.25 issued on February 15) no longer applies and is now replaced with this Revised NTP #2.

Please note that any work that may be charged in excess of your estimate will require prior written approval from OCWS. When this work is invoiced, please make sure to include proper backup for the materials.

The County has the right to inspect all work.

Should you need any further information or have any questions, don't hesitate to contact me at 850-685-0297 or Chris Pelfrey at 850-978-1674. Minimizing downtime is extremely important on this work; please stay in touch with Chris regarding schedule.

Sincerely,

Mark Wise
Deputy Director

cc: OCWS

Layne Christensen Company

Professional Services for Water Systems

3720 North Palafox Street
 Pensacola, FL 32505
 850.432.5101 office
 850.432.2999 fax
 www.layne.com



Quotation

3/9/2001

To: Okaloosa County Water and Sewer
 5479A Old Bethel Rd
 Crestview, FL 32536
 cpolfrey@myokaloosa.com
 Chris Polfrey

Date: ~~2/22/2001~~

Re: Short Coupled Pumps

Item	Description	Qty	Unit \$	Extended \$
1	Layne 2 Man Pump Crew to Install and Start up Pumps	8	\$ 155.00	\$ 1,240.00
	Overtime Labor	2	\$ 225.00	\$ 450.00
2	Shop Labor for Repairs	92	\$ 97.00	\$ 8,924.00
3	Layne 2 Man Pump Crew to Pull and Install Pump 1	16	\$ 155.00	\$ 2,480.00
	Overtime Labor	2	\$ 225.00	\$ 450.00
3	Repairs for Pump 3			
	Christensen Pump 14RJM 3 Stage WL	1.25	\$ 6,390.00	\$ 7,987.50
	Mechanical Seal Rebuild	1.25	\$ 1,750.00	\$ 2,187.50
	Discharge Head and Stuffing Box Refurbishment	1.25	\$ 265.00	\$ 331.25
	SB and Epoxy Coat Column Pipe	1.25	\$ 250.00	\$ 312.50
	1-1/2" Lineshaft with Couplings	1.25	\$ 220.00	\$ 275.00
Misc. Bolts, Nuts, Screws, and Gasket	1.25	\$ 150.00	\$ 187.50	
4	Repairs for Pump 2			
	Christensen Pump 11CHC 3 Stage WL	1.25	\$ 4,766.00	\$ 5,957.50
	Mechanical Seal Rebuild	1.25	\$ 1,750.00	\$ 2,187.50
	Discharge Head and Stuffing Box Refurbishment	1.25	\$ 265.00	\$ 331.25
	SB and Epoxy Coat Column Pipe	1.25	\$ 250.00	\$ 312.50
	1-3/16" Lineshaft with Couplings	1.25	\$ 130.00	\$ 162.50
Misc. Bolts, Nuts, Screws, and Gasket	1.25	\$ 150.00	\$ 187.50	
5	Repairs for Pump 1			
	Christensen Pump 11CHC 3 Stage WL	1.25	\$ 4,766.00	\$ 5,957.50
	Mechanical Seal Rebuild	1.25	\$ 1,750.00	\$ 2,187.50
	Discharge Head and Stuffing Box Refurbishment	1.25	\$ 265.00	\$ 331.25
	SB and Epoxy Coat Column Pipe	1.25	\$ 250.00	\$ 312.50
	1-3/16" Lineshaft with Couplings	1.25	\$ 130.00	\$ 162.50
Misc. Bolts, Nuts, Screws, and Gasket	1.25	\$ 150.00	\$ 187.50	
Total:				\$ 43,102.75

By: Tristan Parsley

Tristan Parsley
 Project Manager
 850.490.4115 cell
 Tristan.Parsley@acinc.com

The undersigned Purchaser hereby instructs Layne Christensen Company to proceed with the work described with the understanding that the Terms and Conditions shown on the next page are hereby incorporated as part of this contract. This Quotation is an estimate based on the best information available prior to beginning work. As the scope of work changes, revised quotations will not be issued unless requested. The foregoing prices are subject to Federal, State and Local Sales and Use Taxes. This Quotation is good for thirty days from the date of submittal.

Company: OCWS
 Date: 3/12/2001

Name: Mark Wise
 Title: Deputy Director

See attached letter dated 3/12/01.



OKALOOSA COUNTY WATER & SEWER ADMINISTRATION

February 15, 2021

CONTRACT#: C19-2808-WS
LAYNE CHRISTENSEN COMPANY
MAINT & EMERGENCY REPAIR TO WELLS
EXPIRES: 05/06/2022 W/2 1 YR RENEWALS

Mr. Tristan Parsley, Project Manager
Layne Christensen Company
3720 North Palafox Street
Pensacola, FL 32505

**RE: Notice to Proceed #2 – Seashore Booster Station – Pump Replacement (all 3)
County Contract #C19-2808-WS**

Dear Mr. Parsley:

Please consider this letter as the notice to proceed with additional work at the Seashore Booster Station, as outlined in your quote dated February 11, 2021 (attached). We expect the work performed to not exceed the price quoted in that correspondence. Your total estimate is \$40,474.25 for the scope of work described. To clarify, this work is above and beyond the work issued in the first Notice to Proceed, dated 1/26/2021.

Please note that any work that may be charged in excess of your estimate will require prior written approval from OCWS. When this work is invoiced, please make sure to include proper backup for the materials.

The County has the right to inspect all work.

Should you need any further information or have any questions, don't hesitate to contact me at 850-685-0297 or Chris Pelfrey at 850-978-1674. Minimizing downtime is extremely important on this work; please stay in touch with Chris regarding schedule.

Sincerely,

Mark Wise
Deputy Director

cc: OCWS
Purchasing

Layne Christensen Company

Professional Services for Water Systems

3720 North Palafox Street
 Pensacola, FL 32505
 850.432.5101 office
 850.432.2999 fax
 www.laync.com



Quotation

To: Okaloosa County Water and Sewer
 5479A Old Bethel Rd
 Crestview, FL 32536
 cpelfrey@myokaloosa.com
 Chris Pelfrey

Date: 2/11/2021

Re: Short Coupled Pumps

Item	Description	Qty	Unit \$	Extended \$
1	Layne 2 Man Pump Crew to Install and Start up Pumps	8	\$ 155.00	\$ 1,240.00
	Overtime Labor	2	\$ 225.00	\$ 450.00
2	Shop Labor for Repairs	84	\$ 97.00	\$ 8,148.00
3	Layne 2 Man Pump Crew to Pull and Install Pump 1	16	\$ 155.00	\$ 2,480.00
	Overtime Labor	2	\$ 225.00	\$ 450.00
3	Repairs for Pump 3			
	Christensen Pump 14RMC 3 Stage WL	1.25	\$ 6,390.00	\$ 7,987.50
	Mechanical Seal Rebuild	1.25	\$ 1,750.00	\$ 2,187.50
	Discharge Head and Stuffing Box Refurbishment	1.25	\$ 265.00	\$ 331.25
	SB and Epoxy Coat Column Pipe	1.25	\$ 250.00	\$ 312.50
	1-1/2" Lineshaft with Couplings	1.25	\$ 220.00	\$ 275.00
Misc. Bolts, Nuts, Screws, and Gasket	1.25	\$ 150.00	\$ 187.50	
4	Repairs for Pump 2			
	Christensen Pump 11CHC 3 Stage WL	1.25	\$ 4,025.00	\$ 5,031.25
	Mechanical Seal Rebuild	1.25	\$ 1,750.00	\$ 2,187.50
	Discharge Head and Stuffing Box Refurbishment	1.25	\$ 265.00	\$ 331.25
	SB and Epoxy Coat Column Pipe	1.25	\$ 250.00	\$ 312.50
	1-3/16" Lineshaft with Couplings	1.25	\$ 130.00	\$ 162.50
Misc. Bolts, Nuts, Screws, and Gasket	1.25	\$ 150.00	\$ 187.50	
5	Repairs for Pump 1			
	Christensen Pump 11CHC 3 Stage WL	1.25	\$ 4,025.00	\$ 5,031.25
	Mechanical Seal Rebuild	1.25	\$ 1,750.00	\$ 2,187.50
	Discharge Head and Stuffing Box Refurbishment	1.25	\$ 265.00	\$ 331.25
	SB and Epoxy Coat Column Pipe	1.25	\$ 250.00	\$ 312.50
	1-3/16" Lineshaft with Couplings	1.25	\$ 130.00	\$ 162.50
Misc. Bolts, Nuts, Screws, and Gasket	1.25	\$ 150.00	\$ 187.50	
Total:				\$ 40,474.25

By: *Tristan Parsley*

Tristan Parsley
 Project Manager
 850.490.4115 cell
 Tristan.Parsley@edinc.com

The undersigned Purchaser hereby instructs Layne Christensen Company to proceed with the work described with the understanding that the Terms and Conditions shown on the next page are hereby incorporated as part of this contract. This Quotation is an estimate based on the best information available prior to beginning work. As the scope of work changes, revised quotations will not be issued unless requested. The foregoing prices are subject to Federal, State and Local Sales and Use Taxes. This Quotation is good for thirty days from the date of submittal.

Company: OCWS
 Date: 2/15/21

Name: *M. Wise*
 Title: Deputy Director

See attached letter, dated 2/15/21



OKALOOSA COUNTY WATER & SEWER ADMINISTRATION

January 26, 2021

CONTRACT#: C19-2808-WS
LAYNE CHRISTENSEN COMPANY
MAINT & EMERGENCY REPAIR TO WELLS
EXPIRES: 05/06/2022 W/2 1 YR RENEWALS

Mr. Tristan Parsley, Project Manager
Layne Christensen Company
3720 North Palafox Street
Pensacola, FL 32505

**RE: Notice to Proceed – Seashore Booster Station – Pull & Evaluate Pumps #2 & #3
County Contract #C19-2808-WS**

Dear Mr. Parsley:

Please consider this letter as the notice to proceed work at our Seashore Booster Station, as outlined in your quote dated January 21, 2021 (attached). We expect the work performed to not exceed the price quoted in that correspondence. Your total estimate is \$4,018.00 for the scope of work described. Billing will need to be based on actual hours and quantities.

Please note that any work that may be charged in excess of your estimate will require prior written approval from OCWS. We understand that the inspection of these pumps may lead to additional necessary work (i.e. parts & labor), which would be authorized by a separate, future Notice to Proceed.

The County has the right to inspect all work. When the pumps are disassembled and under inspection at your shop, please stay in touch with Chris Pelfrey, who may want to inspect it as well, depending what repairs are needed.

Should you need any further information or have any questions, don't hesitate to contact me at 850-685-0297 or Chris Pelfrey at 850-978-1674. Minimizing downtime is extremely important on this work; please stay in touch with Chris regarding schedule.

Sincerely,

Mark Wise
Deputy Director

cc: OCWS
Purchasing



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
09/24/2020

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER LIC #0C36861 Alliant Insurance Services, Inc. 100 Pine Street, 11th Floor San Francisco, CA 94111	1-415-403-1491	CONTACT NAME: Kimberly Leikam PHONE (A/C, No, Ext): 415-403-1491 E-MAIL ADDRESS: kleikam@alliant.com	FAX (A/C, No): 415-874-4818
INSURED Layne Christensen Company 585 West Beach Street Watsonville, CA 95076		INSURER(S) AFFORDING COVERAGE	NAIC #
		INSURER A: VALLEY FORGE INS CO	20508
		INSURER B: CONTINENTAL CAS CO	20443
		INSURER C: TRANSPORTATION INS CO	20494
		INSURER D:	
		INSURER E:	
		INSURER F:	

COVERAGES CERTIFICATE NUMBER: 60315123 REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input checked="" type="checkbox"/> LOC OTHER:	X	X	GL2074978689	10/01/20	10/01/23	EACH OCCURRENCE	\$ 2,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 2,000,000
							MED EXP (Any one person)	\$ N11
							PERSONAL & ADV INJURY	\$ 2,000,000
							GENERAL AGGREGATE	\$ 10,000,000
							PRODUCTS - COMP/OP AGG	\$ 2,000,000
								\$
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input checked="" type="checkbox"/> OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS ONLY	X	X	BUA2074978692	10/01/20	10/01/23	COMBINED SINGLE LIMIT (Ea accident)	\$ 2,000,000
							BODILY INJURY (Per person)	\$
							BODILY INJURY (Per accident)	\$
							PROPERTY DAMAGE (Per accident)	\$
								\$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$			CUB2068209453	10/01/20	10/01/21	EACH OCCURRENCE	\$ 8,000,000
							AGGREGATE	\$ 8,000,000
								\$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY		X	WC274978630 (CA)	10/01/20	10/01/21	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER	
A	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	Y/N	N/A	WC274978644 (AOS/StopGap)	10/01/20	10/01/21	E.L. EACH ACCIDENT	\$ 2,000,000
C	If yes, describe under DESCRIPTION OF OPERATIONS below		X	WC274978658 (NY)	10/01/20	10/01/21	E.L. DISEASE - EA EMPLOYEE	\$ 2,000,000
C			X	WC274978661 (MT, WI, HI)	10/01/20	10/01/21	E.L. DISEASE - POLICY LIMIT	\$ 2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Re: Contract for Maintenance and Emergency Repair of Okaloosa County Water Supply Wells. Certificate holder, its Agents, Consultants, Servants and Employees are included as an Additional Insured where required by written and executed contract per the attached endorsements. Coverages are primary & non-contributory and Waivers of Subrogation apply as required by written contract subject to policy terms, conditions and exclusions. GL Per ISO Form CG 0001 10/01; AL Per ISO Form CA0001 10/13

CERTIFICATE HOLDER 1078 OKALOOSA COUNTY 602-C NORTH PEARL STREET CRESTVIEW, FL 32536 USA	CANCELLA SHOULD A THE EXPI ACCORDA AUTHORIZED REPRESENTATIVE
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CONTRACT#: C19-2808-WS
LAYNE CHRISTENSEN COMPANY
MAINT. & EMERGENCY REPAIRS TO WELLS
EXPIRES: 05/06/2022 W/2 1 YR RENEWALS

SUPPLEMENT TO CERTIFICATE OF INSURANCE

DATE
09/24/2020

NAME OF INSURED: Layne Christensen Company

The named insured reserves its rights to provide any additional coverages under the policies above to only those expressly negotiated for by contract.



**BLANKET ADDITIONAL INSURED - OWNERS, LESSEES OR CONTRACTORS -
WITH PRODUCTS-COMPLETED OPERATIONS COVERAGE**

It is understood and agreed that this endorsement amends the **COMMERCIAL GENERAL LIABILITY COVERAGE PART** as follows:

SCHEDULE (OPTIONAL)

Name of Additional Insured Persons Or Organizations
(As required by "written contract" per Paragraph A. below.)

Locations of Covered Operations
(As per the "written contract," provided the location is within the "coverage territory" of this Coverage Part.)

A. Section II - Who Is An Insured is amended to include as an additional Insured:

1. Any person or organization whom you are required by "written contract" to add as an additional insured on this Coverage Part; and
2. The particular person or organization, if any, scheduled above.

B. The insurance provided to the additional insured is limited as follows:

1. The person or organization is an additional insured only with respect to liability for "bodily injury," "property damage," or "personal and advertising injury" caused in whole or in part by:
 - a. Your acts or omissions, or the acts or omissions of those acting on your behalf, in the performance of your ongoing operations specified in the "written contract"; or
 - b. "Your work" that is specified in the "written contract" but only for "bodily injury" or "property damage" included in the "products-completed operations hazard," and only if:
 - (1) The "written contract" requires you to provide the additional insured such coverage; and
 - (2) This Coverage Part provides such coverage.
2. If the "written contract" specifically requires you to provide additional insurance coverage via the 10/01 edition of CG2010 (aka CG 20 10 10 01), or via the 10/01 edition of CG2037 (aka CG 20 37 10 01), or via the 11/85 edition of CG2010 (aka CG 20 10 11 85), then in paragraph **B.1.** above, the words 'caused in whole or in part by' are replaced by the words 'arising out of'.
3. We will not provide the additional insured any broader coverage or any higher limit of insurance than:
 - a. The maximum permitted by law;
 - b. That required by the "written contract";
 - c. That described in **B.1.** above; or
 - d. That afforded to you under this policy,
 whichever is less.

4. Notwithstanding anything to the contrary in Condition **4. Other Insurance** (Section IV), this insurance is excess of all other insurance available to the additional insured whether on a primary, excess, contingent or



ADDITIONAL INSURED - PRIMARY AND NON-CONTRIBUTORY

It is understood and agreed that this endorsement amends the **BUSINESS AUTO COVERAGE FORM** as follows:

SCHEDULE

Name of Additional Insured Persons Or Organizations
Any person or organization whom the named insured is required by written contract to add as an additional insured on this policy.

1. In conformance with paragraph **A.1.c.** of **Who Is An Insured** of Section II - LIABILITY COVERAGE, the person or organization scheduled above is an insured under this policy.
2. The insurance afforded to the additional insured under this policy will apply on a primary and non-contributory basis if you have committed it to be so in a written contract or written agreement executed prior to the date of the "accident" for which the additional insured seeks coverage under this policy.

All other terms and conditions of the Policy remain unchanged.

POLICY NUMBER: BUA2074978692

COMMERCIAL AUTO
CA 04 44 10 13



THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

WAIVER OF TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US (WAIVER OF SUBROGATION)

This endorsement modifies insurance provided under the following:

- AUTO DEALERS COVERAGE FORM
- BUSINESS AUTO COVERAGE FORM
- MOTOR CARRIER COVERAGE FORM

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by the endorsement.

This endorsement changes the policy effective on the inception date of the policy unless another date is indicated below.

Named Insured: Granite Construction Incorporated

Endorsement Effective Date: 10/01/2020

SCHEDULE

Name(s) Of Person(s) Or Organization(s):

Any person or organization for whom or which you are required by written contract or agreement to obtain this waiver from us.

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

The **Transfer Of Rights Of Recovery Against Others To Us** condition does not apply to the person(s) or organization(s) shown in the Schedule, but only to the extent that subrogation is waived prior to the "accident" or the "loss" under a contract with that person or organization.



WORKERS' COMPENSATION AND EMPLOYERS' LIABILITY INSURANCE POLICY

BLANKET WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS- CALIFORNIA

This endorsement changes the policy to which it is attached.

It is agreed that **Part One – Workers' Compensation Insurance G. Recovery From Others** and **Part Two – Employers' Liability Insurance H. Recovery From Others** are amended by adding the following:

We will not enforce our right to recover against persons or organizations. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

PREMIUM CHARGE --n/a

The charge will be an amount to which you and we agree that is a percentage of the total standard premium for California exposure. The amount is n/a %.

UTAH WAIVER OF SUBROGATION ENDORSEMENT

This endorsement applies only to the insurance provided by the policy because Utah is shown in Item 3.A. of the Information Page.

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

This agreement shall not operate directly or indirectly to benefit anyone not named in the Schedule. Our waiver of rights does not release your employees' rights against third parties and does not release our authority as trustee of claims against third parties. **Schedule : Any person or organization for whom the named insured has agreed by written contract to furnish this waiver.**

WC43 03 05 (Ed 7-00)

WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

All Other States where allowed (except CA, TX, UT)

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

This agreement shall not operate directly or indirectly to benefit anyone not named in the Schedule.

Schedule

Any person or organization for whom the named insured has agreed by written contract to furnish this waiver

WC00 03 13 (Ed 4-84)

This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated.

(The information below is required only when this endorsement is issued subsequent to preparation of the policy.)

Endorsement Effective 10/01/2020

- WC274978644 Valley Forge Insurance Company
- WC274978658 Transportation Insurance Company
- WC274978661 Transportation Insurance Company
- WC274978630 Valley Forge Insurance Company



OKALOOSA COUNTY WATER & SEWER ADMINISTRATION

September 14, 2020

CONTRACT#: C19-2808-WS
LAYNE CHRISTENSEN COMPANY
MAINT & EMERGENCY REPAIR TO WELLS
EXPIRES: 05/06/2022

Mr. Tristan Parsley, Project Manager
Layne Christensen Company
3720 North Palafox St.
Pensacola, FL 32505

**RE: Notice to Proceed – Newcastle Pond Pump Station – Pull Pump, Inspect, and Reinstall
County Contract #C19-2808-WS**

Dear Mr. Parsley:

Please consider this letter as notice to proceed with work at the Newcastle Pond Pump Station, as outlined in your quote dated September 14, 2020 (attached). We expect the work performed to not exceed the price quoted in that correspondence. Your total estimate is \$7,542.00 for the scope of work described.

Please note that any work that may be charged in excess of your estimate will require prior written approval from OCWS.

The County has the right to inspect all work.

Should you need any further information and to coordinate schedule, please contact Lift Stations/Electronics Supervisor, Mark Schmeltzer, at 850-978-9543. With the imminent storm, time is of the essence on this work. Thank you in advance for taking care of this work as soon as possible.

Sincerely,

Mark Wise
Deputy Director

cc: OCWS
Public Works
Purchasing



OKALOOSA COUNTY WATER & SEWER ADMINISTRATION

September 14, 2020

CONTRACT#: C19-2808-WS
LAYNE CHRISTENSEN COMPANY
MAINT & EMERGENCY REPAIR TO WELLS
EXPIRES: 05/06/2022

Mr. Tristan Parsley, Project Manager
Layne Christensen Company
3720 North Palafox Street
Pensacola, FL 32505

**RE: Notice to Proceed #2 – Mid County Well #7 – Disinfection
County Contract #C19-2808-WS**

Dear Mr. Parsley:

Please consider this letter as notice to proceed (NTP) with work at Mid County Well #7 (AKA Del Cerro Well), located 1275 East Chestnut Avenue, Crestview, as outlined in your quote dated September 14, 2020 (attached). To clarify, this NTP is separate and in addition to the NTP issued on August 27, 2020 for the same well. We expect the work performed to not exceed the price quoted in that correspondence. Your total estimate is \$5,180.00 for the scope of work described. Work is per the specifications and terms of the above-mentioned contract.

Please note that any work that may be charged in excess of your estimate will require prior written approval from OCWS.

The County has the right to inspect all work.

Should you need any further information or have any questions, don't hesitate to contact me at 850-685-0297 or Water Operations Supervisor Chris Pelfrey at 850-978-1674. Time is of the essence on this work. The well is already offline, and minimizing downtime is extremely important; please stay in touch with Chris regarding schedule. Thank you in advance for taking care of this work as soon as possible.

Sincerely,

Mark Wise
Deputy Director

cc: OCWS
Purchasing



OKALOOSA COUNTY WATER & SEWER ADMINISTRATION

August 27, 2020

CONTRACT#: C19-2808-WS
LAYNE CHRISTENSEN COMPANY
MAINT & EMERGENCY REPAIR TO WELLS
EXPIRES: 05/06/2022

Mr. Tristan Parsley, Project Manager
Layne Christensen Company
3720 North Palafox Street
Pensacola, FL 32505

**RE: Notice to Proceed – Mid County Well #7 – Disinfection
County Contract #C19-2808-WS**

Dear Mr. Parsley:

Please consider this letter as notice to proceed with work at Mid County Well #7 (AKA Del Cerro Well), located 1275 East Chestnut Avenue, Crestview, as outlined in your quote dated August 25, 2020 (attached). We expect the work performed to not exceed the price quoted in that correspondence. Your total estimate is \$5,180.00 for the scope of work described. Work is per the specifications and terms of the above-mentioned contract.

Please note that any work that may be charged in excess of your estimate will require prior written approval from OCWS.

The County has the right to inspect all work.

Should you need any further information or have any questions, don't hesitate to contact me at 850-685-0297 or Water Operations Supervisor Chris Pelfrey at 850-978-1674. Time is of the essence on this work. The well is already offline, and minimizing downtime is extremely important; please stay in touch with Chris regarding schedule. Thank you in advance for taking care of this work as soon as possible.

Sincerely,

Mark Wise
Deputy Director

cc: OCWS
Purchasing



OKALOOSA COUNTY WATER & SEWER ADMINISTRATION

June 19, 2020

CONTRACT#: C19-2808-WS
LAYNE CHRISTENSEN COMPANY
MAINT & EMERGENCY REPAIR TO WELLS
EXPIRES: 05/06/2022 W/2 1 YR RENEWALS

Mr. Tristan Parsley, Project Manager
Layne Christensen Company
3720 North Palafox Street
Pensacola, FL 32505

**RE: Notice to Proceed #3 – Antioch Well – Pump Installation
County Contract #C19-2808-WS**

Dear Mr. Parsley:

Please consider this letter as notice to proceed (NTP) with work at Antioch Well, as outlined in your quote dated June 17, 2020 (attached). We expect the work performed to not exceed the price quoted in that correspondence; and we expect Layne to invoice for the actual hours involved with the work. When invoicing for material purchased, please make sure to include proper backup documentation. Your total estimate is \$54,391.25 for the scope of work described. To clarify, the scope of work in the attached quote and associated dollar amount is in addition to the previous two NTPs on this well that were issued in 2019.

Please note that any work that may be charged in excess of your estimate will require prior written approval from OCWS. However, we do expect this to be the final NTP for this well, to bring this rehabilitation project to full completion and get the well back online.

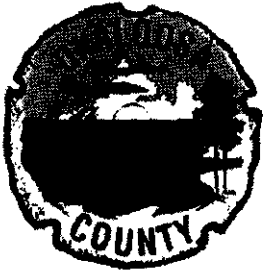
The County has the right to inspect all work. Please stay in touch with Water Operations Supervisor Chris Pelfrey on the schedule.

Should you need any further information or have any questions, don't hesitate to contact me at 850-685-0297 or Chris at 850-978-1674. Thank you for Layne's prompt service on this work.

Sincerely,

Mark Wise
Deputy Director

cc: OCWS
Purchasing



OKALOOSA COUNTY WATER & SEWER ADMINISTRATION

CONTRACT#: C19-2808-WS
LAYNE CHRISTENSEN COMPANY
MAINT & EMERGENCY REPAIR TO WELLS
EXPIRES: 05/06/2022 W/2 1 YR RENEWALS

May 16, 2020

Mr. Tristan Parsley, Project Manager
Layne Christensen Company
3720 North Palafox Street
Pensacola, FL 32505

**RE: Notice to Proceed – BWB #4 Well – Disinfection
County Contract #C19-2808-WS**

Dear Mr. Parsley:

Please consider this letter as notice to proceed with work at BWB #4 Well, as outlined in your quote dated May 15, 2020 (attached). We expect the work performed to not exceed the price quoted in that correspondence. Your total estimate is \$5,180.00 for the scope of work described. Work is per the specifications and terms of the above-mentioned contract.

Please note that any work that may be charged in excess of your estimate will require prior written approval from OCWS.

The County has the right to inspect all work.

Should you need any further information or have any questions, don't hesitate to contact me at 850-685-0297 or Water Operations Supervisor Chris Pelfrey at 850-978-1674. Time is of the essence on this work. The well is already offline, and minimizing downtime is extremely important; please stay in touch with Chris regarding schedule. Thank you in advance for taking care of this work as soon as possible.

Sincerely,

Mark Wise
Digitally signed by Mark Wise
DN: cn=Mark Wise, o=Okaloosa County
Water & Sewer, ou
email=wise@myokaloosa.com, c=US
Date: 2020.05.16 12:26:11 -0500

Mark Wise
Deputy Director

cc: OCWS
Purchasing



OKALOOSA COUNTY WATER & SEWER ADMINISTRATION

November 22, 2019

CONTRACT#: C19-2808-PS
LAYNE CHRISTENSEN COMPANY
MAINT & EMERGENCY REPAIRS TO WELLS
EXPIRES: 05/06/2022 W/2 1 YR RENEWALS

Mr. Tristan Parsley, Project Manager
Layne Christensen Company
3720 North Palafox Street
Pensacola, FL 32505

**RE: Notice to Proceed #2 – Antioch Well – Well Rehabilitation & Testing
County Contract #C19-2808-WS**

Dear Mr. Parsley:

Please consider this letter as notice to proceed with work at Antioch Well, as outlined in your quote dated November 22, 2019 (attached). We expect the work performed to not exceed the price quoted in that correspondence; and we expect Layne to invoice for the actual hours involved with the work. Your total estimate is \$48,289.75 for the scope of work described. To clarify, this scope of work in the attached quote and associated dollar amount is in addition to the previous Notice to Proceed, issued October 22, 2019.

Please note that any work that may be charged in excess of your estimate will require prior written approval from OCWS. We understand that the rehabilitation and testing of this well will most likely lead to additional necessary work (i.e. parts & labor), which would be authorized by a separate, future Notice to Proceed.

The County has the right to inspect all work. Please stay in touch with Chris Peifrey on the schedule.

Should you need any further information or have any questions, don't hesitate to contact me at 850-685-0297 or Chris at 850-978-1674. Thank you for Layne's prompt service on this work.

Sincerely,

Mark Wise
Deputy Director

cc: OCWS
Purchasing

Layne Christensen Company

Professional Services for Water Systems

3720 North Palafox Street
 Pensacola, FL 32505
 850.432.5101 office
 850.432.2999 fax
www.layne.com



Quotation

To: Okaloosa County Water and Sewer
5479A Old Bethel Rd
Crestview, FL 32536
mwise@mvokaloosa.com
Mark Wise

Date: 11/22/2019

Re: Antioch Well

Item	Description	Qty	Unit \$	Extended \$
	Antioch Well Rehabilitation			\$ -
1	Capacity Test			\$ -
	Pivotal Hydraulic Crane	40	\$ 246.00	\$ 9,840.00
	Crew Straight Time	40	\$ 225.00	\$ 9,000.00
	Misc. materials (Wire Splices, etc)	1.25	\$ 150.00	\$ 187.50
				\$ -
2	Mechanical and Chemical Rehab			\$ -
	Pivotal Hydraulic Crane	56	\$ 246.00	\$ 13,776.00
	Crew Straight Time	56	\$ 225.00	\$ 12,600.00
	Chemicals and Supplies for Rehab	1.25	\$ 155.00	\$ 193.75
				\$ -
3	Video			\$ -
	Video - Post Rehab	8	\$ 155.00	\$ 1,240.00
				\$ -
4	Water Systems Engineering Report			\$ -
	Shop Time - Gather Sample Bottles, Paperwork-estimated	3	\$ 130.00	\$ 390.00
	Water Systems Engineering - Includes est. shipping	1.25	\$ 850.00	\$ 1,062.50
				\$ -
				\$ -
	Total:			\$ 48,289.75

By: Tristan Parsley

Tristan Parsley
 Project Manager
 850.490.4115 cell
Tristan.Parsley@acinc.com

The undersigned Purchaser hereby instructs Layne Christensen Company to proceed with the work described with the understanding that the Terms and Conditions shown on the next page are hereby incorporated as part of this contract. This Quotation is an estimate based on the best information available prior to beginning work. As the scope of work changes, revised quotations will not be issued unless requested. The foregoing prices are subject to Federal, State and Local Sales and Use Taxes. This Quotation is good for thirty days from the date of submittal.

Purchaser: Mark Wise

By: Mark Wise

Date: 11/22/19

Name: Deputy Director
 and Title:

see attached letter, dated 11/22/19



OKALOOSA COUNTY WATER & SEWER ADMINISTRATION

CONTRACT#: C19-2808-WS
LAYNE CHRISTENSEN COMPANY
MAINT & EMERGENCY REPAIR TO WELLS
EXPIRES: 05/06/2022 W/2 1 YR RENEWALS

October 22, 2019

Mr. Tristan Parsley, Project Manager
Layne Christensen Company
3720 North Palafox Street
Pensacola, FL 32505

**RE: Notice to Proceed – Antioch Well – Pull & Evaluate
County Contract #C19-2808-WS**

Dear Mr. Parsley:

Please consider this letter as notice to proceed with work at Antioch Well, as outlined in your quote dated October 22, 2019 (attached). We expect the work performed to not exceed the price quoted in that correspondence. Your total estimate is \$17,705.00 for the scope of work described.

Please note that any work that may be charged in excess of your estimate will require prior written approval from OCWS. We understand that the inspection of this pump may lead to additional necessary work (i.e. parts & labor), which would be authorized by a separate, future Notice to Proceed.

The County has the right to inspect all work. When the pump is disassembled and under inspection at your shop, please stay in touch with Chris Pelfrey, who may want to inspect it as well, depending what repairs are needed.

Should you need any further information or have any questions, don't hesitate to contact me at 850-685-0297 or Chris at 850-978-1674. Minimizing downtime is extremely important on this work; please stay in touch with Chris regarding schedule.

Sincerely,

Mark Wise
Deputy Director

cc: OCWS
Purchasing

SUPPLEMENT TO CERTIFICATE OF INSURANCE

DATE
09/13/2019

NAME OF INSURED: Layne Christensen Company



**BLANKET ADDITIONAL INSURED - OWNERS, LESSEES OR CONTRACTORS -
WITH PRODUCTS-COMPLETED OPERATIONS COVERAGE**

It is understood and agreed that this endorsement amends the **COMMERCIAL GENERAL LIABILITY COVERAGE PART** as follows:

SCHEDULE (OPTIONAL)

Name of Additional Insured Persons Or Organizations
(As required by "written contract" per Paragraph A. below.)

Locations of Covered Operations
(As per the "written contract," provided the location is within the "coverage territory" of this Coverage Part.)

- A. Section II - Who Is An Insured** is amended to include as an additional insured:
 - 1. Any person or organization whom you are required by "written contract" to add as an additional insured on this Coverage Part; and
 - 2. The particular person or organization, if any, scheduled above.
- B. The insurance provided to the additional insured is limited as follows:**
 - 1. The person or organization is an additional insured only with respect to liability for "bodily injury," "property damage," or "personal and advertising injury" caused in whole or in part by:
 - a. Your acts or omissions, or the acts or omissions of those acting on your behalf, in the performance of your ongoing operations specified in the "written contract"; or
 - b. "Your work" that is specified in the "written contract" but only for "bodily injury" or "property damage" included in the "products-completed operations hazard," and only if:
 - (1) The "written contract" requires you to provide the additional insured such coverage; and
 - (2) This Coverage Part provides such coverage.
 - 2. If the "written contract" specifically requires you to provide additional insurance coverage via the 10/01 edition of CG2010 (aka CG 20 10 10 01), or via the 10/01 edition of CG2037 (aka CG 20 37 10 01), or via the 11/85 edition of CG2010 (aka CG 20 10 11 85), then in paragraph B.1. above, the words 'caused in whole or in part by' are replaced by the words 'arising out of'.
 - 3. We will not provide the additional insured any broader coverage or any higher limit of insurance than:
 - a. The maximum permitted by law;
 - b. That required by the "written contract";
 - c. That described in B.1. above; or
 - d. That afforded to you under this policy,
 whichever is less.
 - 4. Notwithstanding anything to the contrary in Condition 4. **Other Insurance** (Section IV), this insurance is excess of all other insurance available to the additional insured whether on a primary, excess, contingent or



G-140331-D
(Ed. 01/13)

ENV 6315
3 OF 10 B

any other basis. But if required by the "written contract" to be primary and non-contributory, this insurance will be primary and non-contributory relative to insurance on which the additional insured is a Named Insured.

5. The insurance provided to the additional insured does not apply to "bodily injury," "property damage," or "personal and advertising injury" arising out of:
 - a. The rendering of, or the failure to render, any professional architectural, engineering, or surveying services, including:
 - (1) The preparing, approving, or failing to prepare or approve maps, shop drawings, opinions, reports, surveys, field orders, change orders or drawings and specifications; and
 - (2) Supervisory, inspection, architectural or engineering activities; or
 - b. Any premises or work for which the additional insured is specifically listed as an additional insured on another endorsement attached to this Coverage Part.

C. SECTION IV - COMMERCIAL GENERAL LIABILITY CONDITIONS is amended as follows:

1. The **Duties In The Event of Occurrence, Offense, Claim or Suit** condition is amended to add the following additional conditions applicable to the additional insured:

An additional insured under this endorsement will as soon as practicable:

- (1) Give us written notice of an "occurrence" or an offense which may result in a claim or "suit" under this insurance, and of any claim or "suit" that does result;
- (2) Except as provided in Paragraph B.4. of this endorsement, agree to make available any other insurance the additional insured has for a loss we cover under this Coverage Part;
- (3) Send us copies of all legal papers received, and otherwise cooperate with us in the investigation, defense, or settlement of the claim or "suit"; and
- (4) Tender the defense and indemnity of any claim or "suit" to any other insurer or self insurer whose policy or program applies to a loss we cover under this Coverage Part. But if the "written contract" requires this insurance to be primary and non-contributory, this provision (4) does not apply to insurance on which the additional insured is a Named Insured.

We have no duty to defend or indemnify an additional insured under this endorsement until we receive from the additional insured written notice of a claim or "suit."

- D. Only for the purpose of the insurance provided by this endorsement, **SECTION V - DEFINITIONS** is amended to add the following definition:

"Written contract" means a written contract or written agreement that requires you to make a person or organization an additional insured on this Coverage Part, provided the contract or agreement:

1. Is currently in effect or becomes effective during the term of this policy; and
2. Was executed prior to:
 - a. The "bodily injury" or "property damage"; or
 - b. The offense that caused the "personal and advertising injury,"
 for which the additional insured seeks coverage under this Coverage Part.

All other terms and conditions of the Policy remain unchanged.

Material used with permission of ISO Properties, Inc.



THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

Waiver of Transfer of Rights of Recovery Against Others to Us

This endorsement modifies insurance provided under the following:

Commercial General Liability Coverage Form

Under SECTION IV - COMMERCIAL GENERAL LIABILITY CONDITIONS, The Transfer Of Rights Of Recovery Against Others To Us Condition is amended by the addition of the following:

We waive any right of recovery we may have against any person or organization because of payments we make for injury or damage arising out of:

1. Your ongoing operations; or
2. "Your work" included in the "products completed operations hazard."

However, this waiver applies only when you have agreed in writing to waive such rights of recovery in a contract or agreement, and only if the contract or agreement:

1. Is in effect or becomes effective during the term of this policy; and
2. Was executed prior to loss.

This endorsement is part of your policy and takes effect on the effective date of your policy, unless another effective date is shown below.

Must Be Completed		Complete Only When This Endorsement is Not Prepared with the Policy Or Is Not to be Effective with the Policy	
ENDT. NO. 26	POLICY NO. GL 2074978689	ISSUED TO: Granite Construction Incorporated	EFFECTIVE DATE OF THIS ENDORSEMENT: 10/01/18



CNA71527XX
(Ed. 10/12)

ADDITIONAL INSURED - PRIMARY AND NON-CONTRIBUTORY

It is understood and agreed that this endorsement amends the **BUSINESS AUTO COVERAGE FORM** as follows:

SCHEDULE

Name of Additional Insured Persons Or Organizations
Any person or organization whom the named insured is required by written contract to add as an additional insured on this policy.

1. In conformance with paragraph **A.1.c.** of **Who Is An Insured** of Section II - LIABILITY COVERAGE, the person or organization scheduled above is an insured under this policy.
2. The insurance afforded to the additional insured under this policy will apply on a primary and non-contributory basis if you have committed it to be so in a written contract or written agreement executed prior to the date of the "accident" for which the additional insured seeks coverage under this policy.

All other terms and conditions of the Policy remain unchanged.

POLICY NUMBER: BUA2074978692

COMMERCIAL AUTO
CA 04 44 10 13



THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**WAIVER OF TRANSFER OF RIGHTS OF RECOVERY
AGAINST OTHERS TO US (WAIVER OF SUBROGATION)**

This endorsement modifies insurance provided under the following:

- AUTO DEALERS COVERAGE FORM
- BUSINESS AUTO COVERAGE FORM
- MOTOR CARRIER COVERAGE FORM

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by the endorsement.

This endorsement changes the policy effective on the inception date of the policy unless another date is indicated below.

<p>Named Insured: Granite Construction Incorporated</p> <p>Endorsement Effective Date: 10/01/2018</p>

SCHEDULE

<p>Name(s) Of Person(s) Or Organization(s): Any person or organization for whom or which you are required by written contract or agreement to obtain this waiver from us.</p>
--

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

The **Transfer Of Rights Of Recovery Against Others To Us** condition does not apply to the person(s) or organization(s) shown in the Schedule, but only to the extent that subrogation is waived prior to the "accident" or the "loss" under a contract with that person or organization.



G-19160-B
(Ed. 11/97)

WORKERS' COMPENSATION AND EMPLOYERS' LIABILITY INSURANCE POLICY

BLANKET WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS- CALIFORNIA

This endorsement changes the policy to which it is attached.

It is agreed that Part One - Workers' Compensation Insurance G. Recovery From Others and Part Two - Employers' Liability Insurance H. Recovery From Others are amended by adding the following:

We will not enforce our right to recover against persons or organizations. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

PREMIUM CHARGE -n/a

The charge will be an amount to which you and we agree that is a percentage of the total standard premium for California exposure. The amount is n/a %.

UTAH WAIVER OF SUBROGATION ENDORSEMENT

This endorsement applies only to the insurance provided by the policy because Utah is shown in Item 3.A. of the Information Page.

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

This agreement shall not operate directly or indirectly to benefit anyone not named in the Schedule. Our waiver of rights does not release your employees' rights against third parties and does not release our authority as trustee of claims against third parties. Schedule : Any person or organization for whom the named insured has agreed by written contract to furnish this waiver.

WC43 03 05 (Ed 7-00)

WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

All Other States where allowed (except CA, TX, UT)

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

This agreement shall not operate directly or indirectly to benefit anyone not named in the Schedule.

Schedule

Any person or organization for whom the named insured has agreed by written contract to furnish this waiver

WC00 03 13 (Ed 4-84)

This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated.

(The information below is required only when this endorsement is issued subsequent to preparation of the policy.)

Endorsement Effective 10/01/2019

WC274978644 Valley Forge Insurance Company
WC274978658 Transportation Insurance Company
WC274978661 Transportation Insurance Company
WC274978630 Valley Forge Insurance Company



OKALOOSA COUNTY WATER & SEWER ADMINISTRATION

September 17, 2019

**CONTRACT: C19-2808-WS
LAYNE CHRISTENSEN COMPANY
MAINT & EMERGENCY REPAIR TO WELLS
EXPIRES: 05/06/2022 W/2 1 YR RENEWALS**

Mr. Kevin Hope, Project Manager
Layne Christensen Co.
3720 North Palafox St.
Pensacola, FL 32505

**RE: Notice to Proceed – Newcastle Pond Pump Station – Motor Installation
County Contract #C19-2808-WS**

Dear Mr. Hope:

Please consider this letter as a notice to proceed with work at the Newcastle Pond Pump Station, as outlined in your quote dated September 12, 2019 (attached). We expect the work performed to not exceed the price quoted in that correspondence. Your total estimate is \$4,010.50 for the scope of work described.

Please note that any work that may be charged in excess of your estimate will require prior written approval from OCWS.

The County has the right to inspect all work.

Should you need any further information and to coordinate schedule, please contact Lift Stations/Electronics Supervisor, Mark Schmeltzer, at 850-978-9543.

Sincerely,

Mark Wise
Deputy Director

cc: OCWS
Public Works
Purchasing



OKALOOSA COUNTY WATER & SEWER ADMINISTRATION

August 29, 2019

**CONTRACT: C19-2808-WS
LAYNE CHRISTENSEN COMPANY
MAINT & EMERGENCY REPAIR TO WELLS
EXPIRES: 05/06/2022 W/2 1 YR RENEWALS**

Mr. Tristan Parsley, Project Manager
Layne Christensen Co.
3720 North Palafox St.
Pensacola, FL 32505

**RE: Notice to Proceed – BWB #3 Well (Hwy 20) – Disinfection
County Contract #C19-2808-WS**

Dear Mr. Parsley:

Please consider this letter as a notice to proceed work at BWB #3 Well, as outlined in your quote dated August 29, 2019 (attached). We expect the work performed to not exceed the price quoted in that correspondence. Your total estimate is \$5,180.00 for the scope of work described.

Please note that any work that may be charged in excess of your estimate will require prior written approval from OCWS.

The County has the right to inspect all work.

Should you need any further information or have any questions, don't hesitate to contact me at 850-685-0297 or Water Operations Supervisor, Chris Pelfrey, at 850-978-1674. As this is a public water supply well that is out of service, time is of the essence. Please stay in touch with Chris regarding schedule.

Sincerely,

Mark Wise
Deputy Director

cc: OCWS
Purchasing



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
05/13/2019

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER LIC #0C36861 Alliant Insurance Services, Inc. 100 Pine Street, 11th Floor San Francisco, CA 94111	1-415-403-1491	CONTACT NAME: Kimberly Leikam PHONE (A/C. No. Ext): 415-403-1491 E-MAIL ADDRESS: kleikam@alliant.com	FAX (A/C. No): 415-874-4818
INSURED Layne Christensen Company 585 West Beach Street Watsonville, CA 95076		INSURER(S) AFFORDING COVERAGE	
		INSURER A: VALLEY FORGE INS CO	NAIC # 20508
		INSURER B: CONTINENTAL CAS CO	20443
		INSURER C: TRANSPORTATION INS CO	20494
		INSURER D:	
		INSURER E:	
		INSURER F:	

COVERAGES

CERTIFICATE NUMBER: 56184552

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> XCU <input checked="" type="checkbox"/> Contractual Liability GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC <input type="checkbox"/> OTHER:	X	X	GL2074978689	10/01/18	10/01/21	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 2,000,000 MED EXP (Any one person) \$ Nil PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 10,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY	X	X	BUA2074978692	10/01/18	10/01/21	COMBINED SINGLE LIMIT (Ea accident) \$ 2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$			CUE2068209453	10/01/18	10/01/19	EACH OCCURRENCE \$ 8,000,000 AGGREGATE \$ 8,000,000 \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY			WC274978630 (CA)	10/01/18	10/01/19	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER
C	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	Y/N	N/A	WC274978661 (MT,WI,HI)	10/01/18	10/01/19	E.L. EACH ACCIDENT \$ 2,000,000
C				WC274978658 (NY)	10/01/18	10/01/19	E.L. DISEASE - EA EMPLOYEE \$ 2,000,000
A	If yes, describe under DESCRIPTION OF OPERATIONS below			WC274978644 (AOS/StopGap)	10/01/18	10/01/19	E.L. DISEASE - POLICY LIMIT \$ 2,000,000


DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Job #TBD / Contract #62578

Southern Company Birmingham is included as Additional Insured where required by written and executed agreement per the attached endorsements. Coverage is Primary & Non-Contributory and Waivers of Subrogation apply.

GL Per ISO Form CG0001 10/01; AL Per ISO Form CA0001 10/13

CERTIFICATE HOLDER**CANCELLATION**

1078 Southern Company Birmingham 3535 Colonnade Pkwy. Bin S 280 EC Birmingham, AL 35243 USA	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 
--	--

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ACORD 25 (2016/03)

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schultzv
56184552

SUPPLEMENT TO CERTIFICATE OF INSURANCE

DATE
05/13/2019

NAME OF INSURED: Layne Christensen Company



**BLANKET ADDITIONAL INSURED - OWNERS, LESSEES OR CONTRACTORS –
WITH PRODUCTS-COMPLETED OPERATIONS COVERAGE**

It is understood and agreed that this endorsement amends the **COMMERCIAL GENERAL LIABILITY COVERAGE PART** as follows:

SCHEDULE (OPTIONAL)

Name of Additional Insured Persons Or Organizations
(As required by "written contract" per Paragraph A. below.)

Locations of Covered Operations
(As per the "written contract," provided the location is within the "coverage territory" of this Coverage Part.)

A. Section II - Who Is An Insured is amended to include as an additional insured:

1. Any person or organization whom you are required by "written contract" to add as an additional insured on this Coverage Part; and
2. The particular person or organization, if any, scheduled above.

B. The insurance provided to the additional insured is limited as follows:

1. The person or organization is an additional insured only with respect to liability for "bodily injury," "property damage," or "personal and advertising injury" caused in whole or in part by:
 - a. Your acts or omissions, or the acts or omissions of those acting on your behalf, in the performance of your ongoing operations specified in the "written contract"; or
 - b. "Your work" that is specified in the "written contract" but only for "bodily injury" or "property damage" included in the "products-completed operations hazard," and only if:
 - (1) The "written contract" requires you to provide the additional insured such coverage; and
 - (2) This Coverage Part provides such coverage.
2. If the "written contract" specifically requires you to provide additional insurance coverage via the 10/01 edition of CG2010 (aka CG 20 10 10 01), or via the 10/01 edition of CG2037 (aka CG 20 37 10 01), or via the 11/85 edition of CG2010 (aka CG 20 10 11 85), then in paragraph **B.1.** above, the words 'caused in whole or in part by' are replaced by the words 'arising out of'.
3. We will not provide the additional insured any broader coverage or any higher limit of insurance than:
 - a. The maximum permitted by law;
 - b. That required by the "written contract";
 - c. That described in **B.1.** above; or
 - d. That afforded to you under this policy,
 whichever is less.
4. Notwithstanding anything to the contrary in Condition **4. Other Insurance** (Section **IV**), this insurance is excess of all other insurance available to the additional insured whether on a primary, excess, contingent or

any other basis. But if required by the "written contract" to be primary and non-contributory, this insurance will be primary and non-contributory relative to insurance on which the additional insured is a Named Insured.

5. The insurance provided to the additional insured does not apply to "bodily injury," "property damage," or "personal and advertising injury" arising out of:
 - a. The rendering of, or the failure to render, any professional architectural, engineering, or surveying services, including:
 - (1) The preparing, approving, or failing to prepare or approve maps, shop drawings, opinions, reports, surveys, field orders, change orders or drawings and specifications; and
 - (2) Supervisory, inspection, architectural or engineering activities; or
 - b. Any premises or work for which the additional insured is specifically listed as an additional insured on another endorsement attached to this Coverage Part.

C. SECTION IV – COMMERCIAL GENERAL LIABILITY CONDITIONS is amended as follows:

1. The **Duties In The Event of Occurrence, Offense, Claim or Suit** condition is amended to add the following additional conditions applicable to the additional insured:

An additional insured under this endorsement will as soon as practicable:

- (1) Give us written notice of an "occurrence" or an offense which may result in a claim or "suit" under this insurance, and of any claim or "suit" that does result;
- (2) Except as provided in Paragraph **B.4.** of this endorsement, agree to make available any other insurance the additional insured has for a loss we cover under this Coverage Part;
- (3) Send us copies of all legal papers received, and otherwise cooperate with us in the investigation, defense, or settlement of the claim or "suit"; and
- (4) Tender the defense and indemnity of any claim or "suit" to any other insurer or self insurer whose policy or program applies to a loss we cover under this Coverage Part. But if the "written contract" requires this insurance to be primary and non-contributory, this provision (4) does not apply to insurance on which the additional insured is a Named Insured.

We have no duty to defend or indemnify an additional insured under this endorsement until we receive from the additional insured written notice of a claim or "suit."

- D. Only for the purpose of the insurance provided by this endorsement, **SECTION V – DEFINITIONS** is amended to add the following definition:

"Written contract" means a written contract or written agreement that requires you to make a person or organization an additional insured on this Coverage Part, provided the contract or agreement:

1. Is currently in effect or becomes effective during the term of this policy; and
2. Was executed prior to:
 - a. The "bodily injury" or "property damage"; or
 - b. The offense that caused the "personal and advertising injury,"for which the additional insured seeks coverage under this Coverage Part.

All other terms and conditions of the Policy remain unchanged.

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

Waiver of Transfer of Rights of Recovery Against Others to Us

This endorsement modifies insurance provided under the following:

Commercial General Liability Coverage Form

Under SECTION IV – COMMERCIAL GENERAL LIABILITY CONDITIONS, The Transfer Of Rights Of Recovery Against Others To Us Condition is amended by the addition of the following:

We waive any right of recovery we may have against any person or organization because of payments we make for injury or damage arising out of:

1. Your ongoing operations; or
2. "Your work" included in the "products completed operations hazard."

However, this waiver applies only when you have agreed in writing to waive such rights of recovery in a contract or agreement, and only if the contract or agreement:

1. Is in effect or becomes effective during the term of this policy; and
2. Was executed prior to loss.

This endorsement is part of your policy and takes effect on the effective date of your policy, unless another effective date is shown below.

Must Be Completed	
ENDT. NO. 26	POLICY NO. GL 2074978689

Complete Only When This Endorsement Is Not Prepared with the Policy Or Is Not to be Effective with the Policy	
ISSUED TO: Granite Construction Incorporated	EFFECTIVE DATE OF THIS ENDORSEMENT: 10/01/18



ADDITIONAL INSURED – PRIMARY AND NON-CONTRIBUTORY

It is understood and agreed that this endorsement amends the **BUSINESS AUTO COVERAGE FORM** as follows:

SCHEDULE

Name of Additional Insured Persons Or Organizations
Any person or organization whom the named insured is required by written contract to add as an additional insured on this policy.

1. In conformance with paragraph **A.1.c.** of **Who Is An Insured** of Section **II – LIABILITY COVERAGE**, the person or organization scheduled above is an insured under this policy.
2. The insurance afforded to the additional insured under this policy will apply on a primary and non-contributory basis if you have committed it to be so in a written contract or written agreement executed prior to the date of the "accident" for which the additional insured seeks coverage under this policy.

All other terms and conditions of the Policy remain unchanged.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

WAIVER OF TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US (WAIVER OF SUBROGATION)

This endorsement modifies insurance provided under the following:

AUTO DEALERS COVERAGE FORM
BUSINESS AUTO COVERAGE FORM
MOTOR CARRIER COVERAGE FORM

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by the endorsement.

This endorsement changes the policy effective on the inception date of the policy unless another date is indicated below.

<p>Named Insured: Granite Construction Incorporated</p> <p>Endorsement Effective Date: 10/01/2018</p>

SCHEDULE

<p>Name(s) Of Person(s) Or Organization(s): Any person or organization for whom or which you are required by written contract or agreement to obtain this waiver from us.</p>
<p>Information required to complete this Schedule, if not shown above, will be shown in the Declarations.</p>

The **Transfer Of Rights Of Recovery Against Others To Us** condition does not apply to the person(s) or organization(s) shown in the Schedule, but only to the extent that subrogation is waived prior to the "accident" or the "loss" under a contract with that person or organization.



WORKERS' COMPENSATION AND EMPLOYERS' LIABILITY INSURANCE POLICY

BLANKET WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS- CALIFORNIA

This endorsement changes the policy to which it is attached.

It is agreed that **Part One – Workers' Compensation Insurance G. Recovery From Others** and **Part Two – Employers' Liability Insurance H. Recovery From Others** are amended by adding the following:

We will not enforce our right to recover against persons or organizations. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

PREMIUM CHARGE –n/a

The charge will be an amount to which you and we agree that is a percentage of the total standard premium for California exposure. The amount is n/a _____%.

UTAH WAIVER OF SUBROGATION ENDORSEMENT

This endorsement applies only to the insurance provided by the policy because Utah is shown in Item 3.A. of the Information Page.

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

This agreement shall not operate directly or indirectly to benefit anyone not named in the Schedule. Our waiver of rights does not release your employees' rights against third parties and does not release our authority as trustee of claims against third parties. **Schedule : Any person or organization for whom the named insured has agreed by written contract to furnish this waiver.**

WC43 03 05 (Ed 7-00)

WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

All Other States where allowed (except CA, TX, UT)

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

This agreement shall not operate directly or indirectly to benefit anyone not named in the Schedule.

Schedule

Any person or organization for whom the named insured has agreed by written contract to furnish this waiver

WC00 03 13 (Ed 4-84)

This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated.

(The information below is required only when this endorsement is issued subsequent to preparation of the policy.)

Endorsement Effective 10/01/2018

WC274978644 Valley Forge Insurance Company
WC274978658 Transportation Insurance Company
WC274978661 Transportation Insurance Company
WC274978630 Valley Forge Insurance Company

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A NEW WAY TO SIGN IN - If you already have a SAM account, use your SAM email for login.gov. [Log In](#)

[Login.gov FAQs](#)

- ALERT: June 11, 2018: Entities registering in SAM must submit a [notarized letter](#) appointing their authorized Entity Administrator. Read our [updated FAQs](#) to learn more about changes to the notarized letter review process and other system improvements.
- ALERT: SAM.gov will be down for scheduled maintenance Saturday, 06/15/2019, from 8:00 AM to 1:00 PM (EDT).
- ALERT: CAGE is currently experiencing a high volume of registrations, and is working them in the order in which they are received. When your registration is assigned to a CAGE Technician, you will be contacted by CAGE, if necessary, for any additional information.

Search Results

Quick Search Results

Total records: 1

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Result Page: 1

Sort by [Relevance](#) Order by [Descending](#)

Your search returned the following results...

Entity	Layne Christensen Company	Status: Active
DUNS: 006965917	CAGE Code: 0LVY1	View Details
Has Active Exclusion?: No	DoDAAC:	
Expiration Date: 04/24/2020	Debt Subject to Offset?: No	
Purpose of Registration: All Awards		

Result Page: 1

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**PROCUREMENT/CONTRACT/LEASE
INTERNAL COORDINATION SHEET**

Procurement/Contract/Lease Number: ITB WS1679 Tracking Number: 3302-19
Procurement/Contractor/Lessee Name: Layne Christman Grant Funded: YES ___ NO x
Purpose: maint: emergency repair of wells
Date/Term: 3yr w/ 21yr renewals 1. GREATER THAN \$100,000
Amount: 350,000 yr 2019 2. GREATER THAN \$50,000
Department: WS 3. \$50,000 OR LESS
Dept. Monitor Name: Lithell

Purchasing Review

Procurement or Contract/Lease requirements are met:
[Signature] Date: 3-20-15
Purchasing Manager or designee Jeff Hyde, DeRita Mason, Victoria Taravella

2CFR Compliance Review (if required)

Approved as written: no federal funds Grant Name: _____
_____ Date: _____
Grants Coordinator Danielle Garcia

Risk Management Review

Approved as written: see email attached Date: 3-20-15
_____ Date: _____
Risk Manager or designee Laura Porter or Krystal King

County Attorney Review

Approved as written: see email attached Date: 4-5-15
_____ Date: _____
County Attorney Gregory T. Stewart, Lynn Hoshihara, Kerry Parsons or Designee

Following Okaloosa County approval:

Clerk Finance

Document has been received:
_____ Date: _____
Finance Manager or designee

DeRita Mason

From: Parsons, Kerry <KParsons@ngn-tally.com>
Sent: Friday, April 05, 2019 1:18 PM
To: DeRita Mason
Cc: Lynn Hoshihara
Subject: RE: Layne Christenson ITB 16-19

This is approved for legal purposes.

Kerry A. Parsons, Esq.

**Nabors
Giblin &
Nickerson**
ATTORNEYS AT LAW

1500 Mahan Dr. Ste. 200
Tallahassee, FL 32308
T. (850) 224-4070
Kparsons@ngn-tally.com

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From: DeRita Mason <dmason@myokaloosa.com>
Sent: Wednesday, April 3, 2019 10:28 AM
To: Parsons, Kerry <KParsons@ngn-tally.com>
Cc: Lynn Hoshihara <lhoshihara@myokaloosa.com>
Subject: RE: Layne Christenson ITB 16-19

Please review, I have updated the contract to reflect the public records language.

From: Parsons, Kerry [<mailto:KParsons@ngn-tally.com>]
Sent: Wednesday, April 03, 2019 7:44 AM
To: DeRita Mason <dmason@myokaloosa.com>
Cc: Lynn Hoshihara <lhoshihara@myokaloosa.com>
Subject: RE: Layne Christenson ITB 16-19

That is not sufficient, per the statute we are required in addition to the language below to put in the block letter language that you have into the contract.

Kerry A. Parsons, Esq.

**Nabors
Giblin &
Nickerson**
ATTORNEYS AT LAW

1500 Mahan Dr. Ste. 200
Tallahassee, FL 32308
T. (850) 224-4070
Kparsons@ngn-tally.com

DeRita Mason

From: Karen Donaldson
Sent: Wednesday, March 20, 2019 3:44 PM
To: DeRita Mason
Subject: RE: ITB 16-19

This is approved

Karen Donaldson

Karen Donaldson
Public Records and Contracts Specialist
Okaloosa County Risk Management
5479-B Old Bethel Rd.
Crestview, Fl. 32536
850.683.6207
KDonaldson@myokaloosa.com



Please note: Due to Florida's very broad public records laws, most written communications to or from county employees regarding county business are public records, available to the public and media upon request. Therefore, this written e-mail communication, including your e-mail address, may be subject to public disclosure.

From: DeRita Mason <dmason@myokaloosa.com>
Sent: Wednesday, March 20, 2019 6:49 AM
To: Parsons, Kerry <KParsons@ngn-tally.com>
Cc: Lynn Hoshihara <lhoshihara@myokaloosa.com>; Karen Donaldson <kdonaldson@myokaloosa.com>
Subject: FW: ITB 16-19

Please review the attached. I will have three more just like this that I will send once this one is approved.

Thank you,

DeRita

From: Melissa Mitchell [<mailto:mmitchell@poly-inc.com>]
Sent: Tuesday, March 19, 2019 11:48 AM
To: DeRita Mason <dmason@myokaloosa.com>
Cc: Beth Brant <bbrant@poly-inc.com>
Subject: RE: ITB 16-19

Hi DeRita,

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A NEW WAY TO SIGN IN - If you already have a SAM account, use your SAM email for login.gov. [Log In](#)

[Login.gov FAQs](#)

- ALERT - June 11, 2018: Entities registering in SAM must submit a [notarized letter](#) appointing their authorized Entity Administrator. Read our [updated FAQs](#) to learn more about changes to the notarized letter review process and other system improvements.
- ALERT - There may be a delay in data updates between the Small Business Administration (SBA) and SAM. If you notice any issues with your entity's SBA status or trouble on the SBA Supplemental page, please contact the Federal Service Desk.
- ALERT - Direct hyperlinks to the Federal Acquisition Regulation (FAR) are not working due to Acquisition.gov maintenance. SAM.gov will restore all hyperlinks as soon as the FAR is restored on Acquisition.gov.
- ALERT - SAM.gov will be down for scheduled maintenance Saturday, 03/16/2019, from 8:00 AM to 3:00 PM (EST).

Search Results

Quick Search Results

Total records: 1

Result Page: 1

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Sort by Order by

Your search returned the following results...

Entity	Layne Christensen Company	Status: Active
DUNS: 006965917	CAGE Code: oLVY1	View Details
Has Active Exclusion?: No	DoDAAC:	
Expiration Date: 05/02/2019	Debt Subject to Offset?: No	
Purpose of Registration: All Awards		

Result Page: 1

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Board of County Commissioners

Purchasing Department

State of Florida

Date: March 8, 2019

OKALOOSA COUNTY PURCHASING DEPARTMENT
NOTICE OF INTENT TO AWARD
ITB WS 16-19

Maintenance and Repair of Okaloosa County Water Supply Wells

Okaloosa County would like to thank all businesses which submitted responses to Maintenance and Repair of Okaloosa County Water Supply Wells. (ITB WS 16-19)

After in-depth examination of all responses in accordance with the County's Purchasing Manual, the County announces its intent to award the contract/purchase order to the following:

Layne Christensen Company
3720 N. Palafox Street
Pensacola, FL 32505

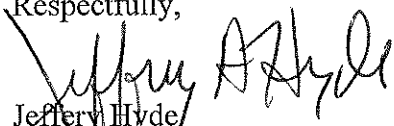
Griner Drilling Service, Inc.
11100 Hwy 31, North
Spanish Fort, AL 36527

Rowe Drilling Company, Inc.
7584 West Tennessee St.
Tallahassee, FL 32304

This Notice of Intent does NOT constitute the formation of a contract/purchase order between Okaloosa County and the apparent successful bidder/respondent. The County reserves the right to enter into negotiations with the successful bidder/respondent in order to finalize contract terms and conditions. No agreement is entered into between the County and any parties until a contract is approved and fully executed.

Any person/entity desiring to file a procurement protest must meet all the standards and criteria in accordance with Section 30 of the Okaloosa County Purchasing Manual. Failure to file a protest within the time prescribed in Section 30.02 of the Okaloosa County Purchasing Manual, shall constitute a waiver of protest proceedings.

Respectfully,


Jeffrey Hyde
Purchasing Manager

CONTRACT#: C19-2808-WS
LAYNE CHRISTENSEN COMPANY
MAINT & EMERGENCY REPAIR TO WELLS
EXPIRES: 05/06/2022 W/2 1 YR RENEWALS

SECTION 00520

AGREEMENT
BETWEEN OWNER AND CONTRACTOR
FOR CONSTRUCTION CONTRACT (STIPULATED PRICE)

THIS AGREEMENT is by and between Okaloosa County Board of County Commissioners (“Owner”) and Layne Christensen Company (“Contractor”).

Owner and Contractor hereby agree as follows:

ARTICLE 1 – WORK

1.01 *Contractor shall complete all Work as specified or indicated in the Contract Documents. The Work is generally described as follows:*

ARTICLE 2 – THE PROJECT

2.01 *The Project, of which the Work under the Contract Documents is a part, is generally described as follows: Project Title – Specification Division.*

ARTICLE 3 – ENGINEER

- 3.01 *The part of the Project that pertains to the Work has been designed by Consultant.*
- 3.02 *The Owner has retained (“Engineer”) to act as Owner’s representative, assume all duties and responsibilities, and have the rights and authority assigned to Engineer in the Contract Documents in connection with the completion of the Work in accordance with the Contract Documents.*

ARTICLE 4 – CONTRACT TIMES

4.01 *Total Contract Term*

The contract will begin when fully executed by all parties and last for three (3) years with the option of two (2) one (1) year renewals upon mutual agreement by both parties

4.02 *Time of the Essence*

All time limits for Milestones, if any, and readiness for final payment as stated in the Contract Documents are of the essence of the Contract.

4.02 *Contract Times: Days*

Completion dates **for each Notice to Proceed (NTP)** issued under this Contract shall be established **in said NTP**. The Work will be completed within the number of days set up **in each NTP** to run as provided in Paragraph 4.01 of the General Conditions, and completed

SECTION 00520

AGREEMENT
BETWEEN OWNER AND CONTRACTOR
FOR CONSTRUCTION CONTRACT (STIPULATED PRICE)

THIS AGREEMENT is by and between Okaloosa County Board of County Commissioners (“Owner”) and

Layne Christensen Company (“Contractor”).

Owner and Contractor hereby agree as follows:

ARTICLE 1 – WORK

1.01 *Contractor shall complete all Work as specified or indicated in the Contract Documents. The Work is generally described as follows:*

ARTICLE 2 – THE PROJECT

2.01 *The Project, of which the Work under the Contract Documents is a part, is generally described as follows: Project Title – Specification Division.*

ARTICLE 3 – ENGINEER

- 3.01 *The part of the Project that pertains to the Work has been designed by Consultant.*
- 3.02 *The Owner has retained (“Engineer”) to act as Owner’s representative, assume all duties and responsibilities, and have the rights and authority assigned to Engineer in the Contract Documents in connection with the completion of the Work in accordance with the Contract Documents.*

ARTICLE 4 – CONTRACT TIMES

4.01 *Total Contract Term*

The contract will begin when fully executed by all parties and last for three (3) years with the option of two (2) one (1) year renewals upon mutual agreement by both parties

4.02 *Time of the Essence*

All time limits for Milestones, if any, and readiness for final payment as stated in the Contract Documents are of the essence of the Contract.

4.02 *Contract Times: Days*

Completion dates **for each Notice to Proceed (NTP)** issued under this Contract shall be established **in said NTP**. The Work will be completed within the number of days set up **in each NTP** to run as provided in Paragraph 4.01 of the General Conditions, and completed

and ready for final payment in accordance with Paragraph 15.06 of the General Conditions within number of days established **per NTP**.

ARTICLE 5 – CONTRACT PRICE

5.01 *Owner shall pay Contractor for completion of the Work in accordance with the Contract Documents the amounts that follow, subject to adjustment under the Contract:*

Fixed Rate Unit Prices

ARTICLE 6 – PAYMENT PROCEDURES

6.01 *Submittal and Processing of Payments*

- A. Contractor shall submit Applications for Payment in accordance with Article 15 of the General Conditions. Applications for Payment will be processed by Okaloosa County as provided in the General Conditions.

ARTICLE 7 – CONTRACTOR’S REPRESENTATIONS

7.01 *In order to induce Owner to enter into this Contract, Contractor makes the following representations:*

- A. Contractor has examined and carefully studied the Contract Documents, and any data and reference items identified in the Contract Documents.
- B. Contractor has visited the Site, conducted a thorough, alert visual examination of the Site and adjacent areas, and become familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
- C. Contractor is familiar with and is satisfied as to all Laws and Regulations that may affect cost, progress, and performance of the Work.
- D. Contractor has considered the information known to Contractor itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Contract Documents; and the Site-related drawings identified in the Contract Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Contractor; and (3) Contractor’s safety precautions and programs.
- E. Based on the information and observations referred to in the preceding paragraph, Contractor agrees that no further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract.
- F. Contractor is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Contract Documents.
- G. Contractor has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Contractor has discovered in the Contract Documents, and the written resolution thereof by Engineer is acceptable to Contractor.
- H. The Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.

- i. Contractor's entry into this Contract constitutes an incontrovertible representation by Contractor that without exception all prices in the Agreement are premised upon performing and furnishing the Work required by the Contract Documents.

ARTICLE 8 – CONTRACT DOCUMENTS

8.01 Contents

- A. The Contract Documents consist of the following:
 1. This Agreement (pages 00520-1 to 00520-5, inclusive).
 1. General Conditions (pages 00700-1 to 00700-65, inclusive).
 2. Supplementary Conditions (pages 00800-1 to 00800-7, inclusive).
 3. Special Conditions (pages 00950-1 to 00950-5, inclusive)
 4. Specifications as listed in the table of contents of the Project Manual.
 5. Drawings – not applicable for this ITB.
 6. Addenda (numbers 1 to 2, inclusive).
 7. Exhibits to this Agreement (enumerated as follows):
 - Contractor's Bid (pages 00300-1 to 00300-3 and 00451-1 to 00451-11 and Bidders Attachments, inclusive).
 8. The following which may be delivered or issued on or after the Effective Date of the Contract and are not attached hereto:
 - Notice to Proceed(s).
 - Work Change Directives.
 - Change Orders.
 - Field Orders.
- B. The documents listed in Paragraph 9.01.A are attached to this Agreement (except as expressly noted otherwise above).
- C. There are no Contract Documents other than those listed above in this Article 8.
- D. The Contract Documents may only be amended, modified, or supplemented as provided in the General Conditions.

ARTICLE 9 – MISCELLANEOUS

9.01 Terms

Terms used in this Agreement will have the meanings stated in the General Conditions and the Supplementary Conditions.

9.02 Assignment of Contract

Unless expressly agreed to elsewhere in the Contract, no assignment by a party hereto of any rights under or interests in the Contract will be binding on another party hereto without the written consent of the party sought to be bound; and, specifically but without limitation, money that may become due and money that is due may not be assigned without such consent (except to the extent that the effect of this restriction may be limited by law), and unless

specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under the Contract Documents.

9.03 *Successors and Assigns*

Owner and Contractor each binds itself, its successors, assigns, and legal representatives to the other party hereto, its successors, assigns, and legal representatives in respect to all covenants, agreements, and obligations contained in the Contract Documents.

9.04 *Severability*

Any provision or part of the Contract Documents held to be void or unenforceable under any Law or Regulation shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon Owner and Contractor, who agree that the Contract Documents shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that comes as close as possible to expressing the intention of the stricken provision.

9.05 *Contractor's Certifications*

- A. Contractor certifies that it has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for or in executing the Contract. For the purposes of this Paragraph 10.05:
1. "corrupt practice" means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process or in the Contract execution;
 2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process or the execution of the Contract to the detriment of Owner, (b) to establish Bid or Contract prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;
 3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish Bid prices at artificial, non-competitive levels; and
 4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

9.06 *Other Provisions*

- A. Owner stipulates that if the General Conditions that are made a part of this Contract are based on EJCDC® C-700, Standard General Conditions for the Construction Contract, published by the Engineers Joint Contract Documents Committee®, and if Owner is the party that has furnished said General Conditions, then Owner has plainly shown all modifications to the standard wording of such published document to the Contractor, through a process such as highlighting or "track changes" (redline/strikeout), or in the Supplementary Conditions.

9.07 *Public Records*

X. Public Records

Any record created by either party in accordance with this Contract shall be retained and maintained in accordance with the public records law, Florida Statutes, Chapter 119.

IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT OKALOOSA COUNTY RISK MANAGEMENT DEPARTMENT 5479 OLD BETHEL ROAD CRESTVIEW, FL 32536 PHONE: (850) 689-5977 riskinfo@myokaloosa.com.


Contractor must comply with the public records laws, Florida Statute chapter 119, specifically Contractor must:

1. Keep and maintain public records required by the County to perform the service.
2. Upon request from the County's custodian of public records, provide the County with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in chapter 119 Florida Statutes or as otherwise provided by law.
3. Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of the contract if the contractor does not transfer the records to the County.
4. Upon completion of the contract, transfer, at no cost, to the County all public records in possession of the contractor or keep and maintain public records required by the County to perform the service. If the contractor transfers all public records to the public agency upon completion of the contract, the contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the contractor keeps and maintains public records upon completion of the contract, the contractor shall meet all applicable requirements for retaining the public records. All records stored electronically must be provided to the public agency, upon the request from the public agency's custodian of public records, in a format that is compatible with the information technology systems of the public agency.

IN WITNESS WHEREOF, Owner and Contractor have signed this Agreement.

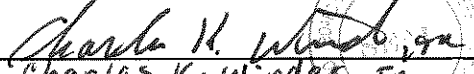
This Agreement will be effective on MAY 07 2019, 2019 (which is the Effective Date of the Contract).

OWNER: _____

CONTRACTOR:  _____

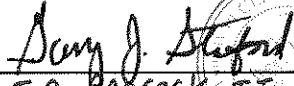
Okaloosa County Board of County Commissioners


Layne Christensen Company

By: 
Title: Chairman

By: Bill Stuckey
Title: General Manager

(If Contractor is a corporation, a partnership, or a joint venture, attach evidence of authority to sign.)

Attest: 
Title: clerk

Attest: 
Title: Project Manager

Address for giving notices:

Address for giving notices:
3720 N. Palafox Street
Pensacola, FL 32505

License No.: CGC1523303
(where applicable)

(If Owner is a corporation, attach evidence of authority to sign. If Owner is a public body, attach evidence of authority to sign and resolution or other documents authorizing execution of this Agreement.)

NOTE TO USER: Use in those states or other jurisdictions where applicable or required.



INVITATION TO BID (ITB) & RESPONDENT'S ACKNOWLEDGEMENT

ITB TITLE: MAINTENANCE & EMERGENCY REPAIR OF OKALOOSA COUNTY WATER SUPPLY WELLS, WATER BOOSTER PUMP STATIONS, WASTEWATER EFFLUENT PUMP STATIONS & STORMWATER PUMP STATIONS

ITB NUMBER:
ITB WS 16-19

ISSUE DATE:	January 14, 2019 8:00 A.M. CT
MANDATORY-PRE BID MEETING:	January 29, 2019 9:00 A.M. CT
LAST DAY FOR QUESTIONS:	February 8, 2019 3:00 P.M. CT
ITB OPENING DATE & TIME:	February 20, 2019 3:00 P.M. CT

NOTE: BIDS RECEIVED AFTER THE BID OPENING DATE & TIME WILL NOT BE CONSIDERED.

Okaloosa County, Florida solicits your company to submit a bid on the above referenced goods or services. All terms, specifications and conditions set forth in this ITB are incorporated into your response. A bid will not be accepted unless all conditions have been met. All bids must have an authorized signature in the space provided below. All bids must be sealed and received by the Okaloosa County Clerk of Court by the "ITB Opening Date & Time" referenced above. All envelopes containing sealed bids must reference the "ITB Title", "ITB Number" and the "ITB Opening Date & Time". Okaloosa County is not responsible for lost or late delivery of bids by the U.S. Postal Service or other delivery services used by the respondent. Neither faxed nor electronically submitted bids will be accepted. Bids may not be withdrawn for a period of ninety (90) days after the bid opening unless otherwise specified

RESPONDENT ACKNOWLEDGEMENT FORM BELOW MUST BE COMPLETED, SIGNED, AND RETURNED AS PART OF YOUR BID. BIDS WILL NOT BE ACCEPTED WITHOUT THIS FORM, SIGNED BY AN AUTHORIZED AGENT OF THE RESPONDENT.

COMPANY NAME Layne Christensen Company

MAILING ADDRESS 3720 N. Palafox Street

CITY, STATE, ZIP Pensacola, FL 32505

FEDERAL EMPLOYER'S IDENTIFICATION NUMBER (FEIN): 48-0920712

TELEPHONE NUMBER: 850-432-5101 EXT: _____ FAX: 850-432-2999

EMAIL: tristan.parsley@gcinc.com

I CERTIFY THAT THIS BID IS MADE WITHOUT PRIOR UNDERSTANDING, AGREEMENT, OR CONNECTION WITH ANY OTHER RESPONDENT SUBMITTING A BID FOR THE SAME MATERIALS, SUPPLIES, EQUIPMENT OR SERVICES, AND IS IN ALL RESPECTS FAIR AND WITHOUT COLLUSION OR FRAUD. I AGREE TO ABIDE BY ALL TERMS AND CONDITIONS OF THIS BID AND CERTIFY THAT I AM AUTHORIZED TO SIGN THIS BID FOR THE RESPONDENT.

AUTHORIZED SIGNATURE:  TYPED Bill Stuckey

OR PRINTED NAME

TITLE: General Manager DATE February 20, 2019

**SECTION 00002
NOTICE TO RESPONDENTS
ITB WS 16-19**

Notice is hereby given that the Board of County Commissioners of Okaloosa County, FL, will accept sealed bids until 3:00 p.m. (CST) February 20, 2019, for **Maintenance & Emergency Repair of Okaloosa County Water Supply Wells, Water Booster Pump Stations, Wastewater Effluent Pump Stations & Stormwater Pump Stations**. Interested respondents desiring consideration shall provide an original and two (2) copies (total three (3)) of their Invitation to Bids (ITB) response with the respondent's areas of expertise identified. Submissions shall be portrait orientation, unbound, and 8 ½" x 11" where practical. All originals must have original signatures in blue ink.

Bid Documents can be viewed at <https://www.bidnetdirect.com/florida> or at <http://www.co.okaloosa.fl.us/purchasing/home> then accessing the link "View Current Solicitations"

A mandatory pre-bid conference is scheduled for 9:00 a.m. (CST) January 29, 2019. The conference will be held at the Okaloosa County Water & Sewer Administration Building, Large Conference Room, 1804 Lewis Turner Blvd, 3rd Floor, Fort Walton Beach, Florida, 32547. You must attend this pre-bid conference in order to submit a bid.

At 3:00 p.m. (CST), February 20, 2019, all bids will be opened and read aloud. All bids must be in sealed envelopes reflecting on the outside thereof the Respondent's name and "Maintenance & Emergency Repair of Okaloosa County Water Supply Wells, Water Booster Pump Stations, Wastewater Effluent Pump Stations & Stormwater Pump Stations". The Board of County Commissioners will consider all bids properly submitted at its scheduled bid opening in the **Crestview Courthouse** located at 101 E. James Lee Boulevard. #288, Crestview, FL 32536. Bids may be submitted in the Crestview Courthouse prior to bid opening or delivered to the Clerk of Circuit Court, 101 E. James Lee Boulevard., #255, Crestview, FL 32536. ****NOTE: MUST RING DOORBELL TO GAIN ENTRANCE INTO ROOM 288. THE CLERK WILL COME ACCEPT YOUR PACKAGE OR SHOW YOU TO THE CONFERENCE ROOM FOR THE SCHEDULED BID OPENING****

NOTE: THE NEW CRESTVIEW COURTHOUSE HAS SECURITY AT ENTRY POINT-PLEASE ALLOW FOR TIME TO GET THROUGH SECURITY WHEN ARRIVING FOR THE BID OPENING.

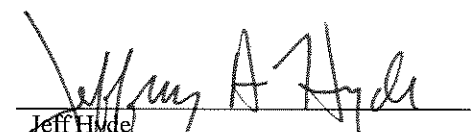
NOTE: Crestview, FL is not a next day guaranteed delivery location by most delivery services. Respondents using mail or delivery services assume all risks of late or non-delivery.

The County reserves the right to award the bid to the lowest responsive respondent and to waive any irregularity or technicality in bids received. Okaloosa County shall be the sole judge of the bid and the resulting negotiated agreement that is in its best interest and its decision shall be final.

Any Respondent failing to mark outside of the envelope as set forth herein may not be entitled to have their bid considered.

All bids should be addressed as follows:

**ITB WS 16-19 Maintenance &
Emergency Repair of Okaloosa
County Water Supply Wells, Water
Booster Pump Stations, Wastewater
Effluent Pump Stations &
Stormwater Pump Stations**
Clerk of Circuit Court
Attn: BCC Records
Crestview Courthouse
101 E. James Lee Blvd. # 288
Crestview, FL 32536
OKALOOSA COUNTY
BOARD OF COUNTY COMMISSIONERS



Jeff Hyde
Purchasing Manager

01/09/2019
Date

Charles K. Windes, Jr.
Chairman

BID REQUIREMENTS

BID #: ITB WS 16-19

BID ITEM: MAINTENANCE & EMERGENCY REPAIR OF OKALOOSA COUNTY WATER SUPPLY WELLS, WATER BOOSTER PUMP STATIONS, WASTEWATER EFFLUENT PUMP STATIONS & STORMWATER PUMP STATIONS.

SCOPE

The scope of work for this ITB includes the material, equipment, and labor services for MAINTENANCE & EMERGENCY REPAIR OF OKALOOSA COUNTY WATER SUPPLY WELLS, WATER BOOSTER PUMP STATIONS, WASTEWATER EFFLUENT PUMP STATIONS & STORMWATER PUMP STATIONS specified herein. All materials shall be manufactured within the continental United States. No substitutions will be accepted unless approved by the Purchasing and the Water & Sewer Department. **Note:** A list of quantities of items, outlined after the Bid Schedule, shall be used to evaluate bidder's proposal based on the unit prices provided in the official Bid Schedule. All work allocated under the Contract shall be based on the unit prices established in the Bid Schedule and Contractor will be compensated for actual work performed only. There is no guarantee of quantities of Work required during this Contract or Work allocated to individual Contractor(s) during the life of the Contract.

Price shall be guaranteed for 90 days after the bids are read and received. Price shall include delivery of all equipment and appurtenances to the following location:

1804 LEWIS TURNER BLVD, FORT WALTON BEACH, FL 32547

OWNER/County Delivery Contact:

Mark Griffin, Okaloosa County Water & Sewer
850-651-7176 or mgriffin@myokaloosa.com

THE FOLLOWING MUST BE SUBMITTED WITH THE BID:

- A list of any and all exceptions to the ITB/Contract Documents.
- Any additional information requested by the OWNER.

TERM OF CONTRACT:

The contract will begin when fully executed by all parties and last for three (3) years with the option of two (2) one (1) year renewals, with appropriate CPI increases, upon mutual agreement by both parties. **The County has the right to award the contract to more than one vendor.**

SPECIFICATIONS

ITB #: WS 16-19

BID ITEM: MAINTENANCE & EMERGENCY REPAIR OF OKALOOSA COUNTY WATER SUPPLY WELLS, WATER BOOSTER PUMP STATIONS, WASTEWATER EFFLUENT PUMP STATIONS & STORMWATER PUMP STATIONS.

I. GENERAL:

- A. It is the intent of the Okaloosa County Water & Sewer System (OCWS) to enter into contracts for the testing, emergency repair and maintenance of the OCWS Water Supply Wells, Water Booster Pump Stations, Wastewater Effluent Pump Stations & Stormwater Pump Stations with at least two contractors.
- B. The Contractor, by submitting a proposal for this project, agrees to work overtime, weekends, holidays, etc., as required to return the above-mentioned infrastructure back to service.
- C. The location and number of the water supply wells is described on the attached well data sheets. The Contractor shall visit each site and be familiar with any site conditions that may influence specific job functions. The Contractor shall be responsible for restoring any fencing, paving, grassing, etc., that was removed or damaged by his operations.
- D. The Contractor shall obtain all State, County and City permits as required to complete the repairs to County infrastructure. The Contractor shall furnish the Owner with a copy of all permits prior to beginning work on a maintenance or repair project (if required).
- E. The Contractor shall guarantee the water supply well to produce water at the rated capacity if pulled and repaired unless the Owner directs the Contractor to omit repairs that would restore the pumping capacity.
- F. This contract may be used by other County departments.
- G. Bidder must be a licensed and insured well drilling contractor in the State of Florida.
- H. A minimum of 75% of the work and each job must be completed by in-house personnel and not subcontracted out.
- I. Bidder must have 10+ years of experience in construction, repair, and maintenance in the field of public water supply wells/pumps with casing 12" to 24" and including effluent pumps and booster station pumps and stormwater pumps.
- J. The County reserves the right to assign work under this contract to any Contractor eligible to perform work under said Contract with no guarantee of the amount of work assigned to any particular Contractor. Designation of work allocations shall be at the sole discretion of County staff.
- K. Work shall be allocated on case by case basis as needed by the Owner and work shall be authorized by individual Notices to Proceed from the Department requesting said Work.

the technician completing the tests. Each well shall be tabbed and separated in the bound report.

The County may request any of the above tests individually on any well within the scope of this contract. Individual tests shall be paid for at the lump sum rate outlined in the bid schedule for each test performed, not as a portion of the rate established for pre or post performance testing.

- B. Well Pump Inspection: As required by the County, the Contractor shall pull the selected well pump for inspection. The work includes furnishing all labor and equipment for pulling the pump, disassembly as required for detailed inspection, cleaning pump, removing oil from well, written report of findings, reassembly, resetting the pump and restoring the well to operation. Inspection of the well, disassembly, reassembly and restoring the well back into operation shall be completed within three (3) weeks following receipt of the purchase order provided no repairs are made to the pump, column and assembly. Payment for well pump inspection shall be based upon the HP of each well motor as outlined in the bid schedule and shall be lump sum, complete and in place.
- C. Repairs and Maintenance: When the pump has been pulled, disassembled and inspected, the Contractor shall make a determination of the requirement or recommendation for replacement parts to restore the well to its original capacity and insure operational longevity.

When the total cost of materials, including replacement parts, is less than or equal to \$5,000.00, the Contractor shall proceed with the maintenance service as required. If the cost of materials, including replacement parts, exceeds \$5,000.00, the Contractor will immediately advise the County and, within three (3) calendar days from the date the pump is pulled, submit a written cost estimate to the County of all material costs, indicating those parts for which replacement is considered essential, and those additional parts which the Contractor recommends be replaced to insure operational longevity. Within two (2) working days from the receipt of the contractor's estimate of the cost of material, the County will advise the Contractor of the decision to proceed and the scope of replacement parts to be included in the pump maintenance. Such notice may initially be made by telephone, to be immediately confirmed by the County in writing. In connection therewith, the Contractor shall make the disassembled pump available for County inspection at the Contractor's facility. The County reserves the right to require the Contractor to furnish a replacement pump for installation or consider a replacement pump the Contractor has in inventory if replacement parts have an extended shipment date.

- D. Disinfection of the Well: In accordance with FDEP standards, the well is to be cleaned and flushed of all debris and oil prior to pump re-installation. In addition, the pump, column pipe, oil tubing, airline, etc., shall be steam cleaned prior to assembly and re-installation in the well. After resetting pump, column, etc., the entire well shall be chlorinated with a solution of such volume and strength that a concentration of 50 ppm free chlorine residual is obtained throughout the entire well and the solution shall remain in the well for a period of 24 hours. The Contractor shall then pump the well to waste until no chlorine concentration exists in the pumped water. At that time, the Contractor shall notify the Owner so that the OCWS can begin sampling the well in accordance with FDEP requirements.

If during the sampling period the bacteriological tests fail in accordance with FDEP guidelines, the Contractor shall return to the site for re-chlorination of the well. The re-

chlorination procedure shall consist of a chlorine solution that will produce a concentration of 100 ppm free chlorine residual throughout the entire well. The solution shall remain in the well for 24 hours and the Contractor shall surge the well every four (4) hours to make sure all components of the well pump, etc., have been properly chlorinated. The Contractor shall then pump the well to waste until no chlorine concentration exists in the pumped water. At that time, the Contractor shall again notify the Owner so that the OCWS can begin sampling the well in accordance with FDEP requirements. This will conclude the Contractor's obligation regarding the pay item of well disinfection. Any additional disinfection or restoration procedures will be paid for at the hourly rate quoted in the Bid Proposal for labor for appropriate crew plus materials.

- E. Post-Performance Testing: After being restored to operation and cleared for use by FDEP, the well shall be tested in accordance with the requirements of Section II, Paragraph A, Pre-Performance Testing. If tests indicate the well has not been restored to its normal rated capacity, the Contractor shall advise the County in writing. The County will evaluate the report and determine if the contract has been adhered to and report same to the Contractor. If the repair work was considered to be the problem, or if excessive vibration exists, the Contractor will be required to complete corrective work at no additional cost to the Owner. Upon completion of the corrective work and satisfactory post-performance testing, the Contractor shall submit a copy of the final testing report to the Owner.
- F. Casing Inspection and Cleaning: When ordered by the County, the Contractor shall provide all labor, materials and equipment to properly clean and video the well casing and borehole and/or screens. Prior to the well video, the Contractor shall clean the well casing with tools, chemical agents and/or air scouring to remove encrustation from the well casing. After removing encrustation from the casing, the well shall be pumped clear of all loose debris. This procedure shall be followed by the installation of a pump into the well so that the video is recorded with the well being pumped. The video equipment shall include a mirror and lighting head allowing 360 degrees sideways viewing. Tilt control, zoom lenses and tilt angle is also preferred so that the well casing can be closely inspected for failures at weld seams or punctures in the casing. A copy of the completed video shall be provided to the Owner.
- G. Removal and Disposal of Oil in Well Column: When ordered by the County, the Contractor shall remove and dispose of oil from well column. Labor and equipment for access to the column and removal of the oil shall be covered in hourly items as outlined in the Bid Schedule. Payment for this item shall only be for the disposal of waste oil by the Contractor.
- I. Well Abandonment: When ordered by the County, the Contractor shall abandon any type of well covered under this Contract. Permitting for the abandonment shall be obtained by the County and work to perform abandonment shall be provided by the Contractor. Labor and equipment shall be covered by the appropriate hourly items as outlined in the Bid Schedule. Separate payment shall be made for grout and/or backfill material as needed to complete the abandonment as outlined in the Bid Schedule.
- J. Replacement Parts: When replacement parts are required to complete any task covered under this Contract, a set mark-up % (as defined in the Bid Schedule) shall be established by the County. The base price for part(s) prior to mark-up shall include all charges for taxes and freight/shipping and copy of invoices shall be provided prior to authorization of payment for any replacement part.

III. NEW REPLACEMENT MATERIALS:

- A. Pump Head: The pump head shall be of extra heavy duty construction throughout and of sufficient size to properly support the column, bowl and driver. It shall be of cast iron construction, fitted with a flanged outlet connection and equipped with an extra heavy separate, machined, cast iron baseplate. The head shall also be equipped with a one-half (1/2) gallon automatic solenoid lubricator and heavy combination stuffing box and oil tubing tension casting which shall make up with a resulting butt joint to the shaft protective tubing to insure proper tension on the line shaft tubing at all times. The entire stuffing box assembly shall be locked so that the tension cannot be reduced by any vibration.
- B. Discharge Column: The discharge column shall be of the diameter as indicated on the Well Data Sheets and in standard 10 foot lengths with either screw coupled or flanged connections and shall contain a supporting spider for the oil tubing at each point 10 feet apart. The screw coupling shall be a heavy cast iron combination coupling and spider and shall be integrally cast in one piece. The flanged connection shall be a heavy cast iron flange, threaded, bored and faced for accurate alignment and centering of the heavy cast bronze alignment and centering of the heavy cast bronze alignment spider. The line shaft shall be made from high carbon steel, turned, ground and polished. The line shaft shall match the existing line shaft as shown on the Well Data Sheets and shall be run in bronze bearings spaced not over five (5) feet apart. The shaft protective tubing shall be constructed of heavy tubing and the ends shall be machined to insure a water tight joint when bathed together. The discharge column shaft shall be oil lubricated and sufficient column shall be furnished to provide a minimum submergence of 30 feet below the pumping level. Contractor shall note that several wells are water lubricated.

The column pipe and shaft tubing shall be coated with an epoxy coating, inside and outside, to protect the pipe from excessive corrosion. The pipe shall be cleaned properly by sandblasting to near white metal prior to applying the protective coating. The epoxy coating shall be applied at a thickness of 10 mils (dry) and be equal to Resi-Weld 72-20 epoxy coating. The Contractor shall submit data on the type of coating and dry film thickness prior to installation of column pipe and shaft tubing.

- C. Pump Bowl: The pump bowl outer shell shall be made of cast iron. The impeller, wear rings and bushings shall be made of low-zinc bronze and the pump bowl shall be designed to operate in accordance with the pumping conditions as specified. The impeller shaft shall be stainless steel and of sufficient size to carry the full load of the impellers. Each stage shall be fitted with a removable wear ring and the impellers shall be of the fully enclosed type, non-overloading, and so designed that the motor will not be overloaded, nor the pump break suction in the event the above ground head is removed.
- D. Flow Meter: The flow meter shall be a flanged tube-propeller type indicator and totalizing meter as manufactured by Sensus or other manufacturer pre-approved by the County. The meter shall be actuated by a propeller mechanism utilizing a magnetic coupling between the propeller and drive shaft. The body shall contain straightening vanes to promote streamline flow. Accuracy is to be within 1 1/2% of the true flow at the specified operating rate. The flow rate shall be indicated on a 3" dial registering in gallons per minute and the total flow shown on a 6-digit totalizer in multiple units of gallons. A 4-20MA signal output is required for the SCADA system monitors.

- E. Air Tubing: New air tubing shall be installed from the well-head down into the well to a point 20 feet below the pump bowl. The air tubing shall be 3/8" red brass pipeline and secured to the pump column for stability.
- F. Stilling Well: A SCHD 80 perforated 1" PVC pipe shall be installed from the well-head down into the well to a point 20 feet below the pump bowl and secured to pump column for stability. Entry point from the well-head will be configured in such a way as to allow removal/replacement of submersible transducer.

IV. PROCEDURES:

- A. Authorization: Services to be furnished under contract shall be ordered by the authorized County Official. The authorized County Official is to be the Director of Water and Sewer or his/her designee. The Contractor is required to respond to all emergency work ordered, within 48 hours of being notified (phone or written). The Contractor cannot pull off-site until the well repair is completed and the water supply well is back on line or until all efforts to restore the well has been exhausted and a mutual decision is made by the County and Contractor to cease work. The Contractor cannot charge time for equipment that is idle on the site. Charges for equipment must be accompanied by a crew.
- B. Reporting: The report of tests on each well shall include all items specified. The report shall be structured in three divisions:
 - 1. Date and time of testing, personnel involved, and conditions encountered
 - 2. Test results for each item
 - 3. Contractor's recommendations for further inspection, maintenance and repair, and/or chemical restoration necessary to restore the well to original operating capacity.

Reports for each well shall be submitted within 15 working days from the completion of testing for that well. An interim report of the results of static level and draw-down tests only shall be submitted to the County within five (5) working days from the completion of each test.

- C. Equipment and Pump Pulling: Equipment used for pulling the well pumps shall be specifically designed for this work. Adequate precautions shall be taken to prevent damage to the pump, column, shaft, oil tubing, airline, suction pipe, etc., during removal, disassembly and resetting. The Contractor shall provide wood blocks to store all removed equipment to limit exposure to soil contamination. Damage to County property that is the fault of the Contractor shall be repaired or replaced if necessary at no cost to the County.
- D. Materials Compatibility: All new parts shall be in accordance with Specifications unless compatibility requires parts replacement to match original parts.

Modifications to existing equipment to make new parts fit existing pump assemblies will not be permitted unless approved by the County.

- E. Down-Time: Down-time for wells shall be limited to a maximum of three (3) weeks except by prior approval of the County where procurement time for approved renewal parts which are not stock items require time extension or where circumstances beyond the control of the Contractor requires a time extension. Down-time exceeding three (3) weeks, approved by the County for reasons beyond the Contractor's control, may require reassembly and resetting the pump and restoring the well to operation until such time that all replacement parts are on-hand or the County may consider a substitute well pump for temporary use. When all replacement parts are on-hand, the pump shall be re-pulled and maintenance completed as specified with approval of the County.

However, where down-time exceeding three (3) weeks results from the Contractor's failure to diligently complete the work, as determined by the County, such delay shall, upon order of the County, require reassembly and resetting the pump and restoring the well to operation at no additional cost to the County. When the Contractor has removed the cause of delay, the pump shall be re-pulled and maintenance completed as specified at no additional cost to the County. To facilitate timely service, the Contractor shall have ample standard replacement parts on hand or immediately available.

COOPERATIVE PRICING

By submitting this bid, the vendor acknowledges that their pricing shall be honored for all governmental entities within Okaloosa County, Florida. Each entity will be allowed to independently place orders, accept delivery and arrange payment under their agency guidelines. The successful vendor understands that failure to offer pricing to all Okaloosa County governmental agencies could result in cancellation of this contract.

Coordinators for agency orders shall be:

Okaloosa County BCC	Jeff Hyde, Purchasing Manager 850-689-5960; jhyde@myokaloosa.com
City of Ft. Walton Beach	Giuliana F. Scott, Purchasing Agent 850-833-9523; gscott@fwb.org
City of Mary Esther	Heather Day, Finance Director 850-243-3566 x18; findir@cityofmaryesther.com
City of Destin	Bragg Farmer, Finance Director 850-837-4242 x3146; bfarmer@cityofdestin.com
City of Niceville	Chad D. Morris, Purchasing/GIS Director 850-974-3833; cmorris@niceville.org
City of Valparaiso	Tammy Johnson, City Clerk 850-729-5402; cityclerk@valp.org
City of Crestview	Betsy Roy, City Clerk 850-682-1560; elizabethroy@cityofcrestview.org

**OKALOOSA COUNTY WATER SUPPLY WELLS
DATA SHEET
GARNIERS AREA**

WELL #	LOCATION	TOTAL DEPTH	CASING SIZE & DEPTH	COLUMN SIZE & LENGTH	PUMP SHAFT DIAMETER	OIL TUBING DIAMETER	PUMP TYPE, SIZE & STAGES	PUMPING RATE (GPM)	MOTOR HP	AIR TUBING SIZE & LENGTH	SUCTION PIPE SIZE & LENGTH
1	Office	644'	16"/495'	8" - 150'	1 1/2"	2 1/2"	Layne 12" RKLC/5	700	75	3/8"/176'	8" - 30'
2	Longwood	680'	16"/433'	8" - 150'	1 1/2"	2 1/2"	Layne 12" RKLC/5	800	75	3/8"/168'	8" - 20'
3	New Castle	652'	12"/500'	6" - 100'	1 3/16"	2"	Layne 10" RKLC/3	450	60	3/8"/125'	6" - 30'
4	Green Street	700'	24"/500'	10" - 130'	1 11/16"	2 1/2"	Layne 12" RKAH/4	1,000	100	3/8"/155'	8" - 30'
5	7th Street	734'	12"/546'	8" - 110'	1 1/2"	2 1/2"	Layne 10" /5	720	60	3/8"/120'	6" - 30'
6	Hawkins	762'	24"/515'	10" - 160'	1 11/16"	2 1/2"	Layne 12" RKBL/5	1,000	100	3/8"/180'	8" - 30'
7	Shalimar Annex	770'	24"/560'	10" - 170'	1 11/16"	2 1/2"	Layne 12" RKBH2/4	870	100	3/8"/190'	8" - 425'
8	Green Acres Drive	816'	24"/610'	10" - 160'	1 11/16"	2 1/2"	Layne 12" RKL/4	1,050	100	3/8"/185'	8" - 31'
9	Northgate	910'	16"/518'	8" - 180'	1 3/16"	2"	Layne 10" California/5	490	60	1/4"/190'	8" - 30'
10	Lowery Street	834'	24"/568'	10" - 190'	1 11/16"	2 1/2"	Layne 12" RKBM/5	1,000	100	3/8"/225'	10" - 30'
11	Forrest	745'	24"/495'	10" - 200'	1 11/16"	2 1/2"	Layne 12" RKBL/6	750	100	3/8"/200'	8" - 30'

NOTE: Information on Well Data Sheets is from best available sources. The Contractor shall not be due additional compensation if actual well construction is different from data contained on Data Sheets.

**OKALOOSA COUNTY WATER SUPPLY WELLS
DATA SHEET
MID-COUNTY AREA**

WELL #	LOCATION	TOTAL DEPTH	CASING SIZE & DEPTH	COLUMN SIZE & LENGTH	PUMP SHAFT DIAMETER	OIL TUBING DIAMETER	PUMP TYPE, SIZE AND STAGES	PUMPING RATE (GPM)	MOTOR HP	AIR TUBING SIZE & LENGTH	SUCTION PIPE SIZE & LENGTH
1	Antioch	740'	18"/401'	8" - 140'	1 1/2"	2 1/2"	Peerless 12" RK/4	600	60	1/4"/140'	6" - 30'
2	Live Oak	669'	18"/535'	8"	1 1/2"	2 1/2"	Peerless 12" LD/6	750	150	1/4"/210'	
3	Industrial Park	603'	16"/392'	8" - 180'	1 11/16"	2 1/2"	Peerless 12" LD/6	750	125	3/8"/190'	8" - 30'
5	Kennedy Lakes	710'	24"/420'	10" - 210'	1 11/16"	2 1/2"	Layne 12" RKDL	750	150	3/8"/210'	8" - 30'
6	Okaloosa Lane	800'	30"/600'	10" - 220'	1 11/16"	2 1/2"	Layne 11" CHC/5	750	125	3/8"/220'	8" - 30'
7	Del Cerro	715'	24"/515'	8" - 340'	1 1/2"	2 1/2"	Vertical Turbine - Christensen 12" CHC/5	900	150	3/8"/340'	8" - 30'

**DATA SHEET
BLUEWATER AREA**

WELL #	LOCATION	TOTAL DEPTH	CASING SIZE & DEPTH	COLUMN SIZE & LENGTH	PUMP SHAFT DIAMETER	OIL TUBING DIAMETER	PUMP TYPE, SIZE AND STAGES	PUMPING RATE (GPM)	MOTOR HP	AIR TUBING SIZE & LENGTH	SUCTION PIPE SIZE & LENGTH
2	Raintree	489'	18"/310'	6" - 120'			Jacuzzi 10" MCorMX	400	40	1/4"/120'	6" - 20'
3	Highway 20	550'	24"/350'	10" - 110'	1 11/16"	2 1/2"	Layne 12" RKBM/4	800	100	1/4"/132'	8" - 30'
4	Southwind Drive	615'	24"/415'	10" - 120'	1 11/16"	3"	Peerless 12" CD/4	800	100	1/4"/153'	10" - 30'

NOTE: Information on Well Data Sheets is from best available sources. The Contractor shall not be due additional compensation if actual well construction is different from data contained on Data Sheets.

**OKALOOSA COUNTY WATER SUPPLY WELLS
DATA SHEET
COUNTY WEST AREA**

WEL L #	LOCATION	TOTAL DEPTH	CASING SIZE & DEPTH	COLUMN SIZE & LENGTH	PUMP SHAFT DIAMETER	OIL TUBING DIAMETER	PUMP TYPE, SIZE AND STAGES	PUMPING RATE (GPM)	MOTOR HP	AIR TUBING SIZE & LENGTH	SUCTION PIPE SIZE & LENGTH
2	Woodland (Currently inactive and subject to abandonment)	1,061'	13"/686'	11" - 120'			Aurora BRH 10	400	40	1/4"/129'	
3	Paschel (Currently inactive and subject to abandonment)	952'	12"/695'	8" - 130'	1 3/16"	N/A	Peerless 101B/5	500	40	1/4"/149'	6" - 30'
4	Seashore #4 County West	900'	24"/	10" - 250'	1 15/16"	2 1/2"	Layne 12" RKBL/6	750	100	3/8"/250'	8" - 30'

NOTE: Information on Well Data Sheets is from best available sources. The Contractor shall not be due additional compensation if actual well construction is different from data contained on Data Sheets.

SECTION 00100
GENERAL SERVICES BID CONDITIONS

1. PRE-BID ACTIVITY -

Addendum - Except as provided in this section, respondents are prohibited from contacting or lobbying the County, County Administrator, Commissioners, County staff, and Review Committee members, or any other person authorized on behalf of the County related or involved with the solicitation. All inquiries on the scope of work, specifications, additional requirements, attachments, terms and general conditions or instructions, or any issue must be directed in writing, by US mail or email to:

Jeff Hyde
Purchasing Manager
Okaloosa County Purchasing Department
5479A Old Bethel Road
Crestview, FL 32536
(850) 689-5960
jhyde@myokaloosa.com

All questions or inquiries must be received no later than the last day for questions (reference ITB & Respondent's Acknowledgement form). Any addenda or other modification to the bid documents will be issued by the County five (5) days prior to the date and time of bid closing, as written addenda, and will be posted to <http://www.bidnetdirect.com/florida> and the Okaloosa County website at <http://www.co.okaloosa.fl.us/purchasing/home>, then accessing the link "View Current Solicitations".

Such written addenda or modification shall be part of the bid documents and shall be binding upon each respondent. Each respondent is required to acknowledge receipt of any and all addenda in writing and submit with their bid. No respondent may rely upon any verbal modification or interpretation.

- 2. PREPARATION OF BID** – The bid form is included with the bid documents. Additional copies may be obtained from the County. The respondent shall submit an original and two (2) copies {total three (3)} of the bid documents.

All blanks in the bid documents shall be completed by printing in ink or by typewriter in both words and numbers with the amounts extended, totaled and the bid signed. A bid price shall be indicated for each section, bid item, alternative, adjustment unit price item, and unit price item listed therein, or the words "No Bid", "No Change", or "Not Applicable" entered. No changes shall be made to the phraseology of the form or in the items mentioned therein. In case of any discrepancy between the written amount and the numerical figures, the written amount shall govern. Any bid which contains any omissions, erasures, alterations, additions, irregularities of any kind, or items not called

for which shall in any manner fail to conform to the conditions of public notice inviting bids may be rejected.

A bid submitted by a partnership shall be executed in the partnership name and signed by a partner (whose title must appear under the signature). The official address of the partnership shall be shown below the signature.

A bid submitted by a limited liability company shall be executed in the name of the firm by a member and accompanied by evidence of authority to sign. The state of formation of the firm and the official address of the firm must be shown below the signature.

A bid submitted by an individual shall show the respondent's name and official address.

A bid submitted by a joint venture shall be executed by each joint venture in the manner indicated on the bid form. The official address of the joint venture must be shown below the signature.

It is preferred that all signatures be in blue ink with the names type or printed below the signature. Okaloosa County does not accept electronic signatures.

The bid shall contain an acknowledgement of receipt of all Addenda, the numbers of which shall be filled in on the form. The address and telephone # for communications regarding the bid shall be shown.

If the respondent is an out-of-state corporation, the bid shall contain evidence of respondent's authority and qualification to do business as an out-of-state corporation in the State of Florida. A state contractor license # for the State of Florida shall also be included on the bid form. Respondent shall be licensed in accordance with the requirements of Chapter 489, Florida Statutes.

3. **INTEGRITY OF BID DOCUMENTS** - Respondents shall use the original Bid documents provided by the Purchasing Department and enter information only in the spaces where a response is requested. Respondents may use an attachment as an addendum to the Bid documents if sufficient space is not available. Any modifications or alterations to the original bid documents by the respondent, whether intentional or otherwise, will constitute grounds for rejection of a bid. Any such modification or alteration that a respondent wishes to propose must be clearly stated in the respondent's response in the form of an addendum to the original bid documents.
4. **SUBMITTAL OF BID** - A bid shall be submitted no later than the date and time prescribed and at the place indicated in the advertisement or invitation to bid and shall be enclosed in an opaque sealed envelope plainly marked with the project title (and, if applicable, the designated portion of the project for which the bid is submitted), the name and address of the respondent, and shall be accompanied by the bid security and other required documents. It is the respondent's responsibility to assure that its bid is delivered

at the proper time and place. Offers by telegram, facsimile, or telephone will **NOT** be accepted.

Note: Crestview is not a next day delivery site for overnight carriers.

- 5. MODIFICATION & WITHDRAWAL OF BID** - A bid may be modified or withdrawn by an appropriate document duly executed in the manner that a bid must be executed and delivered to the place where bids are to be submitted prior to the date and time for the opening of bids.

If within 24 hours after bids are opened any respondent files a duly signed written notice with the County and promptly thereafter demonstrates to the reasonable satisfaction of the County that there was a material substantial mistake in the preparation of its bid, that respondent may withdraw its bid, and the bid security may be returned. Thereafter, if the work is rebid, that respondent will be disqualified from 1) further bidding on the work, and 2) doing any work on the contract, either as a subcontractor or in any other capacity.

- 6. BIDS TO REMAIN SUBJECT TO ACCEPTANCE** – All bids will remain subject to acceptance or rejection for ninety (90) calendar days after the day of the bid opening, but the County may, in its sole discretion, release any bid and return the bid security prior to the end of this period.
- 7. IDENTICAL TIE BIDS** - In case of identical procurement responses, the award shall be determined either by lot or on the basis of factors deemed to serve the interest of the County. In the case of the latter, there must be adequate documentation to support such a decision
- 8. CONDITIONAL & INCOMPLETE BIDS** - Okaloosa County specifically reserves the right to reject any conditional bid and bids which make it impossible to determine the true amount of the bid.
- 9. BID PRICE** – Each line item bid price shall be all inclusive, to include all equipment, labor, materials, permit(s), freight, taxes, required insurance, Public Liability, Property Damage and Workers' Compensation, etc., to cover the finished work called for in that line item in its entirety with no additional cost added to the lump sum cost as bid.
- 10. ADDITION/DELETION OF ITEM** – The County reserves the right to add or delete any item from this bid or resulting contract when deemed to be in the County's best interest.
- 11. SPECIFICATION EXCEPTIONS** – Specifications are based on the most current literature available. Respondent shall clearly list any change in the manufacturer's specifications which conflict with the bid specifications. Respondent must also explain any deviation from the bid specification in writing, as a foot note on the applicable bid page and enclose a copy of the manufacturer's specifications data detailing the changed item(s) with their bid. Failure of the respondent to comply with these provisions will result in respondents being held responsible for all costs required to bring the equipment in compliance with bid specifications.

12. APPLICABLE LAWS & REGULATIONS – All applicable Federal and State laws, County and municipal ordinances, orders, rules and regulations of all authorities having jurisdiction over the project shall apply to the bid throughout, and they will be deemed to be included in the contract the same as though they were written in full therein.

13. DISQUALIFICATION OF RESPONDENTS - Any of the following reasons may be considered as sufficient for the disqualification of a respondent and the rejection of its bid:

- A. Submission of more than one proposal for the same work from an individual, firm or corporation under the same or different name.
- B. Evidence that the respondent has a financial interest in the firm of another respondent for the same work.
- C. Evidence of collusion among respondents. Participants in such collusion will receive no recognition as respondents for any future work of the County until such participant has been reinstated as a qualified respondent.
- D. Uncompleted work which in the judgment of the County might hinder or prevent the prompt completion of additional work if awarded.
- E. Failure to pay or satisfactorily settle all bills due for labor and material on former contracts in force at the time of advertisement of proposals.
- F. Default under previous contract.
- G. Listing of the respondent by any Local, State or the Federal Government on its barred/suspended vendor list.

14. AWARD OF BID

- A. **Okaloosa County Review** - Okaloosa County designated Staff will review all bids and will participate in the Recommendation to Award.
- B. The County will award the bid to the lowest respondent, and the County reserves the right to award the bid to the respondent submitting a responsive bid with a resulting negotiated agreement which is most advantageous and in the best interest of the County, and to reject any and all bids or to waive any irregularity or technicality in bids received. Okaloosa County shall be the sole judge of the bid and the resulting negotiated agreement that is in its best interest and its decision shall be final.
- C. Okaloosa County reserves the right to waive any informalities or reject any and all bids, in whole or part, to utilize any applicable state contracts in lieu of or in

addition to this bid and to accept the bid that in its judgment will best serve the interest of the County.

D. Okaloosa County specifically reserves the right to reject any conditional bids and will normally reject those which made it impossible to determine the true amount of the bid. Each item must be bid separately and no attempt is to be made to tie any item or items to any other item or items.

15. WARRANTY – (The warranty will be in the name of Okaloosa County) Warranty work specified herein is for defects in materials and in labor and workmanship. State the manufacturer's warranty with your bid.

16. PAYMENTS – The respondent shall be paid upon submission of invoices and approval of acceptance by Okaloosa County Board of County Commissioners, Finance Office, 302 N. Wilson St., #203, Crestview FL 32536, for the prices stipulated herein for articles delivered and accepted. Invoices must show Contract #.

17. DISCRIMINATION - An entity or affiliate who has been placed on the discriminatory vendor list may not submit a bid on a contract to provide goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not award or perform work as a contractor, supplier, subcontractor, or consultant under contract with any public entity, and may not transact business with any public entity.

18. PUBLIC ENTITY CRIME INFORMATION - Pursuant to Florida Statute 287.133, a respondent may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity; and may not transact business with any public entity in excess of the threshold amount provided in s. 287.017 for CATEGORY TWO for a period of 36 months following the date of being placed on the convicted vendor list.

19. CONFLICT OF INTEREST - The award hereunder is subject to the provisions of Chapter 112, Florida Statutes. All respondents must disclose with their bids the name of any officer, director, or agent who is also a public officer or an employee of the Okaloosa Board of County Commissioners, or any of its agencies. Furthermore, all respondents must disclose the name of any County officer or employee who owns, directly or indirectly, an interest of five percent (5%) or more in the firm or any of its branches.

Note: For respondent's convenience, this certification form is enclosed and is made a part of the bid package.

20. REORGANIZATION OR BANKRUPTCY PROCEEDINGS – Bids will not be considered from respondents who are currently involved in official financial reorganization or bankruptcy proceedings.

21. INVESTIGATION OF RESPONDENT – The County may make such investigations, as it deems necessary to determine the stability of the respondent to perform the work and that there is no conflict of interest as it relates to the project. The respondent shall furnish to the Owner any additional information and financial data for this purpose as the County may request.

22. CONE OF SILENCE - The Okaloosa County Board of County Commissioners has established a solicitation silence policy (**Cone of Silence**) that prohibits oral and written communication regarding all formal solicitations for goods and services (formal proposals, Request for Proposals, Requests for Qualifications) issued by the Board through the County Purchasing Department. The period commences from the date of advertisement until award of contract.

Note: For respondent's convenience, this certification form is enclosed and is made a part of the bid package.

23. REVIEW OF PROCUREMENT DOCUMENTS - Per Florida Statute 119.071(1)(b) 2 sealed bids, proposals, or replies received by the County pursuant to a competitive solicitation are exempt from public disclosure until such time as the County provides notice of an intended decision or until 30 days after opening the bids, proposals, or final replies, whichever is earlier.

24. COMPLIANCE WITH FLORIDA STATUTE 119.0701 - The Respondent shall comply with all the provisions of section 119.0701, Florida Statutes relating to the public records which requires, among other things, that the Respondent: (a) Keep and maintain public records; (b) Provide the public with access to public records on the same terms and conditions that the public agency would provide the records; (c) ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law; and (d) Meet all requirements for retaining public records and transfer, at no cost, to the public agency all public records in possession of the respondent upon termination of the contract.

25. PROTECTION OF RESIDENT WORKERS – The Okaloosa County Board of County Commissioners actively supports the Immigration and Nationality Act (INA) which includes provisions addressing employment eligibility, employment verifications, and nondiscrimination. Under the INA, employers may hire only persons who may legally work in the United States (i.e., citizens and nationals of the U.S.) and aliens authorized to work in the U.S. The employer must verify the identity and employment eligibility of anyone to be hired, which includes completing the Employment Eligibility Verifications. The respondent shall establish appropriate procedures and controls so no services or products under the Contract Documents will be performed or manufactured by any worker who is not legally eligible to perform such services or employment. Okaloosa County reserves the right to request documentation showing compliance with the requirements.

Respondents doing construction business with Okaloosa County are required to use the Federal Government Department of Homeland Security's website and use the E-Verify

Employment Eligibility Verifications System to confirm eligibility of all employees to work in the United States.

- 26. SUSPENSION OR TERMINATION FOR CONVENIENCE** - The County may, at any time, without cause, order Respondent in writing to suspend, delay or interrupt the work in whole or in part for such period of time as the County may determine, or to terminate all or a portion of the Contract for the County's convenience. Upon such termination, the Contract Price earned to the date of termination shall be paid to Respondent, but Respondent waives any claim for damages, including loss of profits arising out of or related to the early termination. Those Contract provisions which by their nature survive final acceptance shall remain in full force and effect. If the County orders a suspension, the Contract price and Contract time may be adjusted for increases in the cost and time caused by suspension, delay or interruption. No adjustment shall be made to the extent that performance is, was or would have been so suspended, delayed or interrupted by reason for which Respondent is responsible; or that an equitable adjustment is made or denied under another provision of this Contract.
- 27. FAILURE OF PERFORMANCE/DELIVERY** - In case of default by the respondent, the County after due notice (oral or written) may procure the necessary supplies or services from other sources and hold the respondent responsible for difference in cost incurred. Continuous instances of default shall result in cancellation of the award and removal of the respondent from the bid list for duration of one (1) year, at the option of the County.
- 28. AUDIT** - If requested, respondent shall permit the County or an authorized, independent audit agency to inspect all data and records of respondent relating to its performance and its subcontracts under this bid from the date of the award through and until the expiration of contract.
- 29. EQUAL EMPLOYMENT OPPORTUNITY; NON DISCRIMINATION** - Respondent will not discriminate against any employee or an applicant for employment because of race, color, religion, gender, sexual orientation, national origin, age, familial status or handicap.
- 30. NON-COLLUSION** - Respondent certifies that it has entered into no agreement to commit a fraudulent, deceitful, unlawful or wrongful act, or any act which may result in an unfair advantage over other respondents. See Florida Statute 838.22.
- 31. UNAUTHORIZED ALIENS/PATRIOT'S ACT** - The knowing employment by respondent or its subcontractors of any alien not authorized to work by the immigration laws is prohibited and shall be a default of the contract. In the event that the respondent is notified or becomes aware of such default, the respondent shall take steps as are necessary to terminate said employment with 24 hours of notification or actual knowledge that an alien is being employed. Respondent's failure to take such steps as are necessary to terminate the employment of any said alien within 24 hours of notification or actual knowledge that an alien is being employed shall be grounds for immediate termination of

the contract. Respondent shall take all commercially reasonable precautions to ensure that it and its subcontractors do not employ persons who are not authorized to work by the immigration laws.

32. BID DOCUMENTS - The following documents are to be submitted with the proposal packet. Failure to submit all required forms may result in your submission being deemed non-responsive:

- A. Drug-Free Workplace Certification Form
- B. Conflict of Interest
- C. Federal E-Verify
- D. Code of Silence
- E. Indemnification and Hold Harmless
- F. Certification Regarding Lobbying Proposal Sheet
- G. Company Data
- H. System of Awards Management
- I. List of Subcontractors
- J. Bid Schedule
- K. Addendum Acknowledgement (pg. 00300-4)
- L. Bid Bond
- M. Qualifications Statement
- N. Schedule A, B and C

DRUG-FREE WORKPLACE CERTIFICATION


THE BELOW SIGNED RESPONDENT CERTIFIES that it has implemented a drug-free workplace program. In order to have a drug-free workplace program, a business shall:

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under quote a copy of the statement specified in subsection 1.
4. In the statement specified in subsection 1, notify the employees that, as a condition of working on the commodities or contractual services that are under quote, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893, Florida Statutes, or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
5. Impose a sanction on, or require the satisfactory participation in, drug abuse assistance or rehabilitation program if such is available in employee's community, by any employee who is convicted.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

As the person authorized to sign this statement, I certify that this firm complies fully with the above requirements.

DATE: February 20, 2019
COMPANY: Layne Christensen Co.
ADDRESS: 3720 N. Palafox Street
Pensacola, FL 32505

PHONE NO.: 850-432-5101

SIGNATURE: 
NAME: Bill Stuckey
(Typed or Printed)
TITLE: General Manager
E-MAIL: bill.stuckey@gcinc.com

CONFLICT OF INTEREST DISCLOSURE FORM

For purposes of determining any possible conflict of interest, all respondents, must disclose if any Okaloosa Board of County Commissioner, employee(s), elected officials(s), or if any of its agencies is also an owner, corporate officer, agency, employee, etc., of their business.

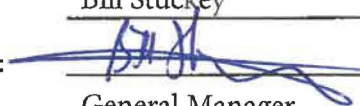
Indicate either "yes" (a county employee, elected official, or agency is also associated with your business), or "no". If yes, give person(s) name(s) and position(s) with your business.

YES _____

NO XX _____

NAME(S)

POSITION(S)

FIRM NAME: Layne Christensen Company
BY (PRINTED): Bill Stuckey
BY (SIGNATURE): 
TITLE: General Manager
ADDRESS: 3720 N. Palafox Street
Pensacola, FL 32505
PHONE NO. 850-432-5101
E-MAIL bill.stuckey@gcinc.com
DATE February 20, 2019

FEDERAL E-VERIFY COMPLIANCE CERTIFICATION

In accordance with Okaloosa County Policy and Executive Order Number 11-116 from the office of the Governor of the State of Florida, Respondent hereby certifies that the U.S. Department of Homeland Security's E-Verify system will be used to verify the employment eligibility of all new employees hired by the respondent during the contract term, and shall expressly require any subcontractors performing work or providing services pursuant to the contract to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the contract term; and shall provide documentation such verification to the COUNTY upon request.

As the person authorized to sign this statement, I certify that this company complies/will comply fully with the above requirements.

DATE: February 20, 2019

SIGNATURE: _____



COMPANY: Layne Christensen Company

NAME: Bill Stuckey

ADDRESS: 3720 N. Palafox Street
Pensacola, FL 32505

TITLE: General Manager

E-MAIL: bill.stuckey@gcinc.com

PHONE NO.: 850-432-5101

CONE OF SILENCE

The Board of County Commissioners have established a solicitation silence policy (**Cone of Silence**) that prohibits oral and written communication regarding all formal solicitations for goods and services (ITB, RFP, ITQ, ITN, and RFQ) or other competitive solicitation between the bidder (or its agents or representatives) or other entity with the potential for a financial interest in the award (or their respective agents or representatives) regarding such competitive solicitation, and any County Commissioner or County employee, selection committee member or other persons authorized to act on behalf of the Board including the County's Architect, Engineer or their subconsultants, or anyone designated to provide a recommendation to award a particular contract, other than the Purchasing Department Staff.

The period commences from the time of advertisement until contract award.

Any information thought to affect the committee or staff recommendation submitted after bids are due, should be directed to the Purchasing Manager or an appointed representative. It shall be the Purchasing Manager's decision whether to consider this information in the decision process.

Any violation of this policy shall be grounds to disqualify the respondent from consideration during the selection process.

All respondents must agree to comply with this policy by signing the following statement and including it with their submittal.

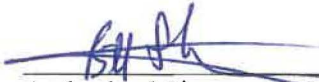
I Bill Stuckey  representing Layne Christenen Company
Signature Company Name

On this 20 day of February 2019 hereby agree to abide by the County's "Cone of Silence Clause" and understand violation of this policy shall result in disqualification of my bid/submittal.

INDEMNIFICATION AND HOLD HARMLESS

Respondent shall indemnify and hold harmless the County, its officers and employees from liabilities, damages, losses, and costs including but not limited to reasonable attorney fees, to the extent caused by the negligence, recklessness, or intentional wrongful conduct of the Respondent and other persons employed or utilized by the Respondent in the performance of this Agreement.

Layne Christensen Company
Respondent's Company Name
3720 N. Palafox Street
Physical Address
Pensacola, FL 32505
Mailing Address
850-432-5101
Phone Number
850-530-1086
Cellular Number
February 20, 2019
Date


Authorized Signature – Manual
Bill Stuckey
Authorized Signature – Typed
General Manager
Title
850-432-2999
FAX Number
850-530-1086
After-Hours Number(s)
bill.stuckey@gcinc.com
Email

LOBBYING

31 U.S.C. 1352, 49 CFR Part 19, 49 CFR Part 20

APPENDIX A, 49 CFR PART 20—CERTIFICATION REGARDING LOBBYING

Certification for Contracts, Grants, Loans, and Cooperative Agreements

(To be submitted with each bid or offer exceeding \$100,000)

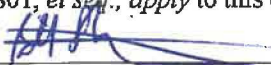
The undersigned [Contractor] certifies, to the best of his or her knowledge and belief, that:

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for making lobbying contacts to an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form--LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions [as amended by "Government wide Guidance for New Restrictions on Lobbying," 61 Fed. Reg. 1413 (1/19/96). Note: Language in paragraph (2) herein has been modified in accordance with Section 10 of the Lobbying Disclosure Act of 1995 (P.L. 104-65, to be codified at 2 U.S.C. 1601, *et seq.*.)]
3. The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31, U.S.C. § 1352 (as amended by the Lobbying Disclosure Act of 1995). Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

[Note: Pursuant to 31 U.S.C. § 1352(c)(1)-(2)(A), any person who makes a prohibited expenditure or fails to file or amend a required certification or disclosure form shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such expenditure or failure.]

The Contractor, Layne Christensen Co, certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Contractor understands and agrees that the provisions of 31 U.S.C. A 3801, *et seq.*, apply to this certification and disclosure, if any.

 Signature of Contractor's Authorized Official

Bill Stuckey, General Manager Name and Title of Contractor's Authorized Official

February 20, 2019 Date

COMPANY DATA

Respondent's Company Name: Layne Christensen Company

Physical Address & Phone #: 38720 N. Palafox Street
Pensacola, FL 32505

Contact Person (Typed-Printed): Bill Stuckey

Phone #: 850-432-5101

Cell #: 850-530-1086

Federal ID or SS #: 48-0920712

DUNNS/SAM #: 00 696 5917

Respondent's License #: S320-923-69-338-0

Fax #: 850-432-2999

Emergency #'s After Hours,
Weekends & Holidays: 850-336-1326 - Kenny Ratliff

System for Award Management (Oct 2016)

(a) Definitions. As used in this provision.

“Electronic Funds Transfer (EFT) indicator” means a four-character suffix to the unique entity identifier. The suffix is assigned at the discretion of the commercial, nonprofit, or Government entity to establish additional System for Award Management records for identifying alternative EFT accounts (see subpart 32.11) for the same entity.

“Registered in the System for Award Management (SAM) database” means that:

(1) The Offeror has entered all mandatory information, including the unique entity identifier and the EFT indicator, if applicable, the Commercial and Government Entity (CAGE) code, as well as data required by the Federal Funding Accountability and Transparency Act of 2006 (see subpart 4.14) into the SAM database;

(2) The offeror has completed the Core, Assertions, and Representations and Certifications, and Points of Contact sections of the registration in the SAM database;

(3) The Government has validated all mandatory data fields, to include validation of the Taxpayer Identification Number (TIN) with the Internal Revenue Service (IRS). The offeror will be required to provide consent for TIN validation to the Government as a part of the SAM registration process; and

(4) The Government has marked the record “Active”.

“Unique entity identifier” means a number or other identifier used to identify a specific commercial, nonprofit, or Government entity. See www.sam.gov for the designated entity for establishing unique entity identifiers.

(b)(1) By submission of an offer, the offeror acknowledges the requirement that a prospective awardee shall be registered in the SAM database prior to award, during performance, and through final payment of any contract, basic agreement, basic ordering agreement, or blanket purchasing agreement resulting from this solicitation.

(2) The Offeror shall enter, in the block with its name and address on the cover page of its offer, the annotation “Unique Entity Identifier” followed by the unique entity identifier that identifies the Offeror’s name and address exactly as stated in the offer. The Offeror also shall enter its EFT indicator, if applicable. The unique entity identifier will be used by the Contracting Officer to verify that the Offeror is registered in the SAM database.

(c) If the Offeror does not have a unique entity identifier, it should contact the entity designated at www.sam.gov for establishment of the unique entity identifier directly to obtain one. The Offeror should be prepared to provide the following information:

(1) Company legal business name.

(2) Tradestyle, doing business, or other name by which your entity is commonly recognized.

(3) Company Physical Street Address, City, State, and Zip Code.

(4) Company Mailing Address, City, State and Zip Code (if separate from physical).

(5) Company telephone number.

(6) Date the company was started.

(7) Number of employees at your location.

(8) Chief executive officer/key manager.

(9) Line of business (industry).

(10) Company Headquarters name and address (reporting relationship within your entity).

(d) If the Offeror does not become registered in the SAM database in timely manner, the Contracting Officer may proceed to award to the next otherwise successful registered Offeror.

(e) Processing time, which normally takes 48 hours, should be taken into consideration when registering. Offerors who are not registered should consider applying for registration immediately upon receipt of this solicitation.

(f) Offerors may obtain information on registration at <https://www.acquisition.gov>.

Offerors SAM information:

Entity Name: Layne Christensen Company

Entity Address: 3720 N. Palafox Street - Pensacola, FL 32505

Duns Number: 00 696 5917

CAGE Code: OLVY1

LIST OF SUBCONTRACTORS

The BIDDER expressly agrees that:

1. If awarded the contract as a result of the proposal, the subcontractors used in the prosecution of the work will be those listed below.
2. The following list includes all subcontractors who will perform work on this project.
3. The subcontractors listed below are financially responsible and are qualified to do the work required.
4. Use of any of the subcontractors is subject to the approval of the County and Engineer.

CATEGORY	NAME OF SUBCONTRACTOR	ADDRESS
Crane Rental	Southway Crane & Rigging	208 Stumpfield Road Pensacola, FL 32503

Layne Christensen Company

 CONTRACTOR'S NAME



 AUTHORIZED SIGNATURE

Bill Stuckey, General Manager

 TITLE

Section 00300 (ADDENDUM No. 1)
REVISED FINAL BID SCHEDULE

BID #: ITB WS 16-19

BASE BID (Item 1-31) – MAINTENANCE & REPAIR OF OKALOOSA COUNTY WATER SUPPLY WELLS, WATER BOOSTER PUMP STATIONS, WASTEWATER EFFLUENT PUMP STATIONS & STORMWATER PUMP STATIONS.

ITEM #	DESCRIPTION – Services and Materials	UNIT PRICE	
1	Pre-Performance Testing (including vibration, flow meter and pumping testing) in accordance with specifications, complete and in place for the lump sum price of	\$1,465.00	LS
2	Vibration Testing only, in accordance with specifications complete and in place for the lump sum price of,	\$740.00	LS
3	Flow Meter Testing only, in accordance with specifications, complete and in place for the lump sum price of	\$735.00	LS
4	Pumping Testing only, in accordance with specifications, complete and in place for the lump sum price of	\$1,465.00	LS
5	Mobilize and remove pump, motor (less than 100 HP), column assembly, etc. from well, disassemble, complete inspection & report, reassemble & reinstall pump, etc., back into well, including site restoration, complete and in place for the lump sum price of	\$15,000.00	LS
6	Mobilize and remove pump, motor (100 to <150 HP), column assembly, etc. from well, disassemble, complete inspection & report, reassemble & reinstall pump, etc., back into well, including site restoration, complete and in place for the lump sum price of	\$22,000.00	LS
7	Mobilize and remove pump, motor (greater than 150 HP), column assembly, etc. from well, disassemble, complete inspection & report, reassemble & reinstall pump, etc., back into well, including site restoration, complete and in place for the lump sum price of	\$24,880.00	LS
8	Disinfection of water supply well in accordance with specifications, complete and in place for the lump sum price of	\$5,180.00	LS
9	Post-performance testing (including vibration, flow meter and pumping testing) in accordance with specifications	\$1,465.00	LS
10	Complete well casing cleaning and video recorded inspection of well in accordance with specifications, complete and in place for the lump sum price of	\$24,700.00	LS
11	Disposal of oil in well column, measured by the barrel	\$120.00	Barrel
12	Well abandonment grout (per 94# sack)	\$30.00	EA
13	Well abandonment backfill material	\$117.00	CY
14	Well abandonment equipment (pump, tremie pipe, etc.) necessary	\$1,470.00	EA

	to abandon potable well per state regulations, per each abandonment		
15	Fixed 25% - Mark-up for replacement parts to include overhead & profit. (NOTE: Base price before mark-up should include taxes and freight.)	Fixed 25%	

ITEM #	DESCRIPTION – Equipment and Manpower (All items include overhead and profit)	PRICE PER HOUR
16	Pivotal hydraulic crane (30 ton min)	\$246.00
17	3,000# class drill rig with 144,000 lb (min) load capacity, mud-pumps, air compressor, drill pipe, collars and support equipment	\$1,365.00
18	Less than 3,000# class drill rig with 144,000 lb (min) load capacity, mud-pumps, air compressor, drill pipe, collars and support equipment	\$1,125.00
19	Pump technician with service truck	\$120.00
20	Pump technician with service truck (overtime)	\$150.00
21	Shop technician for pump repair, shaft alignment, etc.	\$97.00
22	Shop technician for pump repair, shaft alignment, etc. (overtime)	\$130.00
23	Two person crew with service truck	\$155.00
24	Two person crew with service truck (overtime)	\$225.00
25	Three person crew with service truck	\$225.00
26	Three person crew with service truck (overtime)	\$300.00
27	Four person crew with service truck	\$300.00
28	Four person crew with service truck (overtime)	\$363.00
29	Pump repair rig with crew	\$285.00
30	Data logging truck & operator for water quality testing	\$155.00
31	Video inspection under static conditions, including video logging service and technician	\$155.00

Proposal Evaluation - The following list of quantities of items shall be used to evaluate bidder's proposal based on the unit prices provided in the bid schedule above. All work allocated under this Contract shall be based on the unit prices established in the bid schedule and Contractor will be compensated for actual work performed only. No guarantee of quantities of Work required during this Contract or Work allocated to individual Contractor(s) during the life of the Contract is provided.

ITEM #	DESCRIPTION – Services and Materials	Proposed Quantity for Bid Evaluation ONLY	UNIT (from Bid Schedule)
1	Pre-Performance Testing (including vibration, flow meter and pumping testing) in accordance with specifications, complete and in place for the lump sum price of	5	\$7,325.00
2	Vibration Testing only, in accordance with specifications complete and in place for the lump sum price of,	5	\$3,700.00
3	Flow Meter Testing only, in accordance with specifications, complete and in place for the lump sum price of	20	\$14,700.00
4	Pumping Testing only, in accordance with specifications, complete and in place for the lump sum price of	5	\$7,325.00
5	Mobilize and remove pump, motor (less than 100 HP), column assembly, etc. from well, disassemble, complete inspection & report, reassemble & reinstall pump, etc., back into	3	\$45,000.00

	well, including site restoration, complete and in place for the lump sum price of		
6	Mobilize and remove pump, motor (100 to <150 HP), column assembly, etc. from well, disassemble, complete inspection & report, reassemble & reinstall pump, etc., back into well, including site restoration, complete and in place for the lump sum price of	3	\$66,000.00
7	Mobilize and remove pump, motor (greater than 150 HP), column assembly, etc. from well, disassemble, complete inspection & report, reassemble & reinstall pump, etc., back into well, including site restoration, complete and in place for the lump sum price of	3	\$74,640.00
8	Disinfection of water supply well in accordance with specifications, complete and in place for the lump sum price of	3	\$15,540.00
9	Post-performance testing (including vibration, flow meter and pumping testing) in accordance with specifications	5	\$7,325.00
10	Complete well casing cleaning and video recorded inspection of well in accordance with specifications, complete and in place for the lump sum price of	3	\$74,100.00
11	Disposal of oil in well column	1	\$120.00
12	Well abandonment grout (per 94# sack)	10	\$300.00
13	Well abandonment backfill material	5	\$585.00
14	Well abandonment equipment (pump, tremie pipe, etc.) necessary to abandon potable well per state regulations, per each abandonment	1	\$1,470.00
ITEM #	DESCRIPTION – Equipment and Manpower (All items include overhead and profit)		PER HOUR
16	Pivotal hydraulic crane (30 ton min)	8	\$1,968.00
17	3,000# class drill rig with 144,000 lb (min) load capacity, mud-pumps, air compressor, drill pipe, collars and support equipment	1	\$1,365.00
18	Less than 3,000# class drill rig with 144,000 lb (min) load capacity, mud-pumps, air compressor, drill pipe, collars and support equipment	8	\$9,000.00
19	Pump technician with service truck	100	\$12,000.00
20	Pump technician with service truck (overtime)	10	\$1,500.00
21	Shop technician for pump repair, shaft alignment, etc.	50	\$4,850.00
22	Shop technician for pump repair, shaft alignment, etc. (overtime)	5	\$650.00
23	Two person crew with service truck	200	\$31,000.00
24	Two person crew with service truck (overtime)	10	\$2,250.00
25	Three person crew with service truck	120	\$27,000.00
26	Three person crew with service truck (overtime)	6	\$1,800.00
27	Four person crew with service truck	20	\$6,000.00
28	Four person crew with service truck (overtime)	2	\$726.00
29	Pump repair rig with crew	40	\$11,400.00
30	Data logging truck & operator for water quality testing	24	\$3,720.00
31	Video inspection under static conditions, including video logging service and technician	8	\$1,240.00

ADDENDUM ACKNOWLEDGEMENT

ITB WS 16-19

Acknowledgment is hereby made of the following addenda (identified by number) received since issuance of solicitation:

<u>ADDENDUM NO.</u>	<u>DATE</u>
Addendum #1	2-15-2019
Addendum #2	2-18-2019

NOTE: Prior to submitting the response to this solicitation, it is the responsibility of the respondent to confirm if any addenda have been issued. If such addenda have been issued, acknowledge receipt by noting number(s) and date(s) above.



ADDENDUM 2
February 18, 2019

ITB WS 16-19

**Maintenance & Emergency Repair of Okaloosa County Water Supply Wells, Water
Booster Pump Stations, Wastewater Effluent Pump Stations & Stormwater Pump Stations**

The intent of this addendum is to extend the opening date for one week.

- The opening date has been changed to February 27, 2019 at 3:00 PM CST.

SECTION 00451

QUALIFICATIONS STATEMENT

THE INFORMATION SUPPLIED IN THIS DOCUMENT IS CONFIDENTIAL TO THE EXTENT PERMITTED BY LAWS AND REGULATIONS

1. SUBMITTED BY:

Official Name of Firm: Layne Christensen Company
Address: 3720 N. Palafox Street
Pensacola, FL 32505

2. SUBMITTED TO:

Okaloosa County Board of County Commissioners

3. SUBMITTED FOR:

Bid # ITB WS 16-19

Owner: Okaloosa County Board of County Commissioners

Project Name: Maintenance & Emergency Repair of Okaloosa County
Water Supply Wells, Water Booster Pump Stations,
Wastewater Effluent Pump Stations & Stormwater Pump
Station

TYPE OF WORK:

Maintenance & Repairs

4. CONTRACTOR'S CONTACT INFORMATION

Contact Person: Tristan Parsley

Title: Assistant Project Manager

Phone: 850-432-5101

Email: tristan.parsley@gcinc.com

5. AFFILIATED COMPANIES: SEE ATTACHED

Name: _____

Address: _____

6. TYPE OF ORGANIZATION:

SOLE PROPRIETORSHIP

Name of Owner: _____

Doing Business As: _____

Date of Organization: _____

PARTNERSHIP

Date of Organization: _____

Type of Partnership: _____

Name of General Partner(s): _____

CORPORATION

State of Organization: Delaware

Date of Organization: 05-19-1981

Executive Officers: SEE ATTACHED

- President: _____

- Vice President(s): _____

- Treasurer: _____

- Secretary: _____

LIMITED LIABILITY COMPANY

State of Organization: _____

Date of Organization: _____

Members: _____

JOINT VENTURE

Sate of Organization: _____

Date of Organization: _____

Form of Organization: _____

Joint Venture Managing Partner

- Name: _____

- Address: _____

Joint Venture Managing Partner

- Name: _____

- Address: _____

Joint Venture Managing Partner

- Name: _____

- Address: _____

7. LICENSING

Jurisdiction: Florida Water Well Contractors License

Type of License: 9457 ATTACHED

License Number: _____

Jurisdiction: _____

Type of License: _____

License Number: _____

8. CERTIFICATIONS

CERTIFIED BY:

Disadvantage Business Enterprise: _____

Minority Business Enterprise: _____

Woman Owned Enterprise: _____

Small Business Enterprise: _____

Other (_____): _____

9. BONDING INFORMATION ATTACHED

Bonding Company: _____

Address: _____

Bonding Agent: _____

Address: _____

Contact Name: _____

Phone: _____

Aggregate Bonding Capacity: _____

Available Bonding Capacity as of date of this submittal: _____

10. FINANCIAL INFORMATION

Financial Institution: Bank of America

Address: One Bryant Park, 18th Floor

New York, NY 10036

Account Manager: Mukesh Singh - Vice President

Phone: 646-743-2640

**INCLUDE AS AN ATTACHMENT AN AUDITED BALANCE SHEET FOR EACH OF THE
LAST 3 YEARS**

11. CONSTRUCTION EXPERIENCE:

Current Experience: ATTACHED

List on **Schedule A** all uncompleted projects currently under contract (If Joint Venture list each participant's projects separately).

Previous Experience: ATTACHED

List on **Schedule B** all projects completed within the last 5 Years (If Joint Venture list each participant's projects separately).

Has firm listed in Section 1 ever failed to complete a construction contract awarded to it?

YES NO

If YES, attach as an Attachment details including Project Owner's contact information.

Has any Corporate Officer, Partner, Joint Venture participant or Proprietor ever failed to complete a construction contract awarded to them in their name or when acting as a principal of another entity?

YES NO

If YES, attach as an Attachment details including Project Owner's contact information.

Are there any judgments, claims, disputes or litigation pending or outstanding involving the firm listed in Section 1 or any of its officers (or any of its partners if a partnership or any of the individual entities if a joint venture)?

YES NO SEE ATTACHED

If YES, attach as an Attachment details including Project Owner's contact information.

12. SAFETY PROGRAM:

Name of Contractor's Safety Officer: Chelly Heninger - Group Safety Manager

Include the following as attachments:

Provide as an Attachment Contractor's (and Contractor's proposed Subcontractors and Suppliers furnishing or performing Work having a value in excess of 10 percent of the total

amount of the Bid) OSHA No. 500- Log & Summary of Occupational Injuries & Illnesses for the past 5 years.

Provide as an Attachment Contractor's (and Contractor's proposed Subcontractors and Suppliers furnishing or performing Work having a value in excess of 10 percent of the total amount of the Bid) list of all OSHA Citations & Notifications of Penalty (monetary or other) received within the last 5 years (indicate disposition as applicable) - IF NONE SO STATE.

Provide as an Attachment Contractor's (and Contractor's proposed Subcontractors and Suppliers furnishing or performing Work having a value in excess of 10 percent of the total amount of the Bid) list of all safety citations or violations under any state all received within the last 5 years (indicate disposition as applicable) - IF NONE SO STATE.

Provide the following for the firm listed in Section V (and for each proposed Subcontractor furnishing or performing Work having a value in excess of 10 percent of the total amount of the Bid) the following (attach additional sheets as necessary):

Workers' compensation Experience Modification Rate (EMR) for the last 5 years:

YEAR	<u>2018</u>	EMR	<u>.59</u>
YEAR	<u>2017</u>	EMR	<u>.73</u>
YEAR	<u>2016</u>	EMR	<u>.64</u>
YEAR	<u>2015</u>	EMR	<u>.59</u>
YEAR	<u>2014</u>	EMR	<u>.69</u>

Total Recordable Frequency Rate (TRFR) for the last 5 years:

YEAR	<u>2018</u>	TRFR	<u>2.24</u>
YEAR	<u>2017</u>	TRFR	<u>3.54</u>
YEAR	<u>2016</u>	TRFR	<u>4.48</u>
YEAR	<u>2015</u>	TRFR	<u>2.87</u>
YEAR	<u>2014</u>	TRFR	<u>3.33</u>

13. EQUIPMENT:

MAJOR EQUIPMENT:

List on **Schedule C** all pieces of major equipment available for use on Owner's Project.

I HEREBY CERTIFY THAT THE INFORMATION SUBMITTED HERewith, INCLUDING ANY ATTACHMENTS, IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

NAME OF ORGANIZATION: Layne Christensen Company

BY: Patsy Reeves

TITLE: Office Administrator

DATED: February 20, 2019

NOTARY ATTEST:

SUBSCRIBED AND SWORN TO BEFORE ME

THIS 20 DAY OF February, 2019

NOTARY PUBLIC - STATE OF Florida
MY COMMISSION EXPIRES: _____

Patricia S. Reeves



REQUIRED ATTACHMENTS

1. Schedule A (Current Experience).
2. Schedule B (Previous Experience).
3. Schedule C (Major Equipment).
4. Audited balance sheet for each of the last 3 years for firm named in Section 1.
5. Evidence of authority for individuals listed in Section 7 to bind organization to an agreement.
6. Resumes of officers and key individuals (including Safety Officer) of firm named in Section 1.
7. Required safety program submittals listed in Section 13.
8. Additional items as pertinent.

SCHEDULE A

CURRENT EXPERIENCE

Project Name	Owner's Contact Person	Design Engineer	Contract Date	Type of Work	Status	Cost of Work
City of Cordele	Name: Debbie Wright Address: 501 7th St. North Telephone: 229-273-2829	Name: Company: Telephone:	June 2018 / Current	Pump Repair	50%	\$80,000.00
Gulf Power - Crist Plant	Name: Melvin Hull Address: One Energy Place Telephone: 850-505-1546	Name: Company: Telephone:	June 2018 / Current	Pump Repair	95%	\$65,000.00
Gonzalez Utilities	Name: Russell Bracken Address: 1590 Old Chemstrand Road Telephone: 850-968-5434	Name: Company: Telephone:	Feb 2018 / Current	Replace Well #2		\$ 392,314.00
City of Dothan	Name: Lindsay McDonald Address: 126 N. Saint Andrew St. Telephone: 334-615-3154	Name: Company: Telephone:	May 2018 / Current	Refurnish Water Well	30%	\$318,000.00
International Paper /Cantonment	Name: Richard Nava Address: 375 Muscogee Road Telephone: 850-968-3054	Name: Company: Telephone:	June 2018 / Current	Pump Repair	75%	\$150,000.00
	Name: Address: Telephone:	Name: Company: Telephone:				
	Name: Address: Telephone:	Name: Company: Telephone:				

SCHEDULE B

PREVIOUS EXPERIENCE (Include ALL Projects Completed within last 5 years)

Project Name	Owner's Contact Person	Design Engineer	Contract Date	Type of Work	Status	Cost of Work
City of Dothan	Name: Address: Telephone:	Name: James Brannon Company: Polyengineering Telephone: 334-793-4700	May 2014 Oct 2015	Test Well & RO Pilot Study	Complete	\$ 630,031.00
Emerald Coast Utilities Authority	Name: Address: Telephone:	Name: John Boyer Company: CDM - Smith Engineers Telephone: 919-325-3500	Sept. 2015 Jan 2017	Aquifer Performance Test	Complete	\$1,161,059.00
Troy Utilities	Name: Address: Telephone:	Name: Chuck Chitwood Company: CDG Engineering & Assoc Telephone: 334-222-9431	April 2016 Nov 2016	Upgrade Well & Install Generator	Complete	\$ 387,473.00
Emerald Coast Utilities Authority	Name: Brian Reid Address: 9255 Sturdevant Street Telephone: 850-969-6640	Name: Company: Telephone:	Jan 2016 April 2016	Well Rehab & Pump	Complete	\$ 113,618.00
International Paper	Name: Rick Kriner Address: 375 Muscogee Road Telephone: 850-968-4255	Name: Company: Telephone:	June 2016 Nov 2016	New Pumping Equip.	Complete	\$ 118,973.00
Emerald Coast Utilities Authority	Name: Tom Dawson Address: 9255 Sturdevant St Telephone: 950-968-4255	Name: Company: Telephone:	Sept 2016 July 2017	Well Pump & Rehab.	Complete	\$ 95,000.00
Jacksonville Electric Authority	Name: Allan Borre Address: 21 W. Church St. 4th Floor Telephone: 904-665-4468	Name: Company: Telephone:	Sept 2016 Aug 2017	Well Drilling & Raw Piping	Complete	\$ 786,700.00

SCHEDULE B

PREVIOUS EXPERIENCE (Include ALL Projects Completed within last 5 years)

Project Name	Owner's Contact Person	Design Engineer	Contract Date	Type of Work	Status	Cost of Work
Emerald Coast Utilities Authority	Name: Brian Reid Address: 9255 Sturdevant St Telephone: 850-968-4255	Name: Company: Telephone:	Oct 2016 July 2017	Rehab Well & New Pump	Complete	\$ 122,799.60
Emerald Coast Utilities Authority	Name: Charles Bartee Address: 9255 Sturdevant St Telephone: 850-968-4255	Name: Company: Telephone:	Nov 2016 Dec 2016	Rehab Well & New Pump	Complete	\$ 144,453.00
Mosaic Company	Name: Gregory Aguilera Address: 660 E. County Line Road Telephone: 813-364-5613	Name: Company: Telephone:	March 2017 Nov 2017	Construct New Well	Complete	\$ 576,800.00
South Walton Utilities	Name: Alicia Keeter Address: 369 Mirama Beach Dr. Telephone: 850-837-2988	Name: James Brannon Company: Polyengineering Telephone: 334-793-4700	March 2018	Construct New Well	Complete	\$956,000.00
	Name: Address: Telephone:	Name: Company: Telephone:				
	Name: Address: Telephone:	Name: Company: Telephone:				
	Name: Address: Telephone:	Name: Company: Telephone:				

APPENDIX A

PENDING ARBITRATION/ LITIGATION FILED AGAINST LAYNE CHRISTENSEN COMPANY (LCC) OR ON
 AFFILIATE IN THE PAST FIVE YEARS REGARDING A CONSTRUCTION PROJECT
 (As of December 2018)

Work/Payment issues over \$50,000 only.

START DATE	PROJECT NAME	CASE NAME	DESCRIPTION
5/23/14	600 GPM Water Treatment System specific for Uranium and Arsenic Removal	City of Benkelman, NE v. Baseline Engineering Corp., et al. (LCC)	Breach of contract, negligence, fraud, and negligent misrepresentation
3/20/16	Athens Waste Water Plant, Valley Joint Sewer Authority	Patrick Concrete Constructors v. LCC	Breach of contract and quantum meruit
5/16/16	Well 14 Pump and Motor Service	Village of Lake in the Hills v. LCC	Breach of contract and negligence
10/8/16	Rehabilitation of Sewer Collection System and Pump Stations	Town of Littleton v. Layne Heavy Civil, Inc. ("LHC"), et al.	Negligence, trespass to chattels, conversion
11/15/16	Well Head Treatment for Removal of Nitrates at Wells 7 & 8	Bethpage Water District v. LCC, et al.	Breach of contract
11/17/17	Southeast Interceptor Sewer, Phases 1-3	City of Franklin v. W.L. Hailey & Company, et al. (LCC and LHC)	Breach of contract; negligence; breach of express and implied warranties
8/17/17	GEFA – Cretaceous Aquifer Production Well	Georgia Environmental Finance Authority v. CH2M Hill Engineers, Inc., et al. (LCC)	Breach of contract and professional negligence

To our knowledge there are no outstanding (unpaid) judgments against Layne. Yes – There are claims and formal legal proceedings pending against Layne. Appendix A is a list of the formal legal proceedings (arbitration and litigation) pending against Layne. Informal claims and allegations are not tracked in any meaningful way.



A GRANITE COMPANY

Layne Christensen Company

List of Affiliates

We define "Affiliate" as our Parent Company, Granite Construction Incorporated, and any direct consolidated subsidiary of our Parent Company.

Address: P.O. Box 50085 Watsonville, CA 95077-5085

- Granite Construction Incorporated - Parent
- Granite Construction Company - Affiliate
- GILC, Incorporated - Affiliate
- Granite Construction Northeast, Inc. - Affiliate
- Granite Construction International - Affiliate
- Granite Industrial, Inc.- Affiliate
- Granite Land Company - Affiliate
- Intermountain Slurry Seal, Inc. - Affiliate
- Kenny Construction Company - Affiliate
- Pozzolan Products Company - Affiliate
- Intager, LLC - Affiliate
- Liqui-Force Services (USA) Inc. - Affiliate



A GRANITE COMPANY

Layne Christensen Company

List of Officers

Name	Present Office Position
Watts, Richard A.	President Group Manager
Desai, Jigisha (NMN)	Vice President Treasurer
Graham, Bradley G.	Vice President Controller
McClanahan, Denise C.	Vice President
Phillips, Jami (NMN)	Group Controller Assistant Secretary
Olson, Kenneth B.	Assistant Secretary
Blackburn, Nicholas B.	Assistant Secretary
Thomas P. Healy	Assistant Secretary
Schmidt, Curtis J.	Assistant Secretary
Storm, Aaron (NMN)	Secretary

(NMN) = No Middle Name



July 31, 2019
Expiration Date

Well Construction Section
Water Use Permit Bureau

Water Well Contractor

2017-2019

License Number:



9457



**Layne Christensen Company
List of Surety Agencies**

Chubb Group of Insurance Companies – 1926 to Present

Federal Insurance Company

202B Hall's Mill Road,

Whitehouse Station, NJ 08889

Contact: Scott Bishop, Underwriting Manager - (908) 903-3451

State of Incorporation: Indiana

Ratings – AM Best: A++ XV; Moody's: Aa2; Standard & Poor's: AA

NAIC #: 20281, California License No.: 0059-6

CNA Financial Corporation – December 15, 2014 to Present

The Continental Insurance Company

Continental Casualty Company

333 South Wabash Avenue, Floor 41

Chicago, IL 60604

Contact: Samuel Ware, Underwriting Manager - (312) 822-1931

State of Incorporation: CIC – Pennsylvania; CCC - Illinois

Ratings – AM Best: A XV; Moody's: A3; Standard & Poor's: A

NAIC #: 35289, California License No.: 2270-7

The Travelers Companies, Inc. – August 1, 2002 to Present

Travelers Casualty and Surety Company of America

Travelers Casualty and Surety Company

1 Tower Square

Hartford, CT 06183

Contact: Brien Bialaski, Vice President - (860) 277-1914

State of Incorporation: Connecticut

Ratings – AM Best: A++ XV; Moody's: Aa2; Standard & Poor's: AA-

NAIC #: 31194, California License No.: 244-8

Agent Name and Address:

Alliant Insurance Services, Inc.

100 Pine Street, 11th Floor

San Francisco, CA 94111

(415) 403-1427

Contact: John D. Gilliland – Senior Vice President

License # 0C36861 Expiration 09/30/2018

Single Job Capacity: \$450,000,000. Aggregate Capacity: \$5,000,000,000.

**LAYNE CHRISTENSEN COMPANY
CERTIFICATE OF SECRETARY**

RESOLVED, that, effective November 5, 2018 through December 31, 2019, the individuals named on the attached Exhibit 1 are authorized to negotiate, execute and/or attest electronic and paper documents and contracts necessary for the conduct of the Company's affairs with respect to the submission and execution of construction project bids, bid proposals, bid addenda and all other bid-related documents prepared and submitted on behalf of the Company not to exceed \$100,000, relating to any and all domestic construction projects arising out of the Company's operations.

RESOLVED, that, effective November 5, 2018 through December 31, 2019, the individuals named on the attached Exhibit 2 are authorized to negotiate, execute and/or attest electronic and paper documents and contracts necessary for the conduct of the Company's affairs with respect to the submission and execution of construction project bids, bid proposals, bid addenda and all other bid-related documents prepared and submitted on behalf of the Company not to exceed \$500,000, relating to any and all domestic construction projects arising out of the Company's operations.

RESOLVED, that, effective November 5, 2018 through December 31, 2019, the individuals named on the attached Exhibit 3 are authorized to negotiate, execute and/or attest electronic and paper documents and contracts necessary for the conduct of the Company's affairs with respect to the submission and execution of construction project bids, bid proposals, bid addenda and all other bid-related documents prepared and submitted on behalf of the Company not to exceed \$1 million, relating to any and all domestic construction projects arising out of the Company's operations.

RESOLVED, that, effective November 5, 2018 through December 31, 2019, the individuals named on the attached Exhibit 4 are authorized to negotiate, execute and attest electronic and paper documents and contracts necessary for the conduct of the Company's affairs with respect to the submission and execution of construction project bids, bid proposals, bid addenda and all other bid-related documents prepared and submitted on behalf of the Company not to exceed \$2 million, relating to any and all domestic construction projects arising out of the Company's operations.

RESOLVED, that, effective November 5, 2018 through December 31, 2019, the individuals named on the attached Exhibit 5 are authorized to negotiate, execute and attest electronic and paper documents and contracts necessary for the conduct of the Company's affairs with respect to the submission and execution of construction project bids, bid proposals, bid addenda and all other bid-related documents prepared and submitted on behalf of the Company not to exceed \$3 million, relating to any and all domestic construction projects arising out of the Company's operations.

I, Kenneth B. Olson, do hereby certify that I am duly qualified as Assistant Secretary of LAYNE CHRISTENSEN COMPANY, a Delaware corporation (the "Company"); that the foregoing is a true and correct copy of resolutions duly adopted effective November 5, 2018 by unanimous written consent of the Board of Directors; that the Directors acting were duly and regularly elected; and that the resolution adopted has not been modified or repealed and is still in full force and effect.

Dated: January 7, 2019



Kenneth B. Olson

Stuart E. Lambert, Account Manager
Terry L. Breckenridge, Account Manager
Emily E. Miesner, Account Manager
Brandon D. Butrum, Account Manager
Dylan Michael Ellis, Account Manager
James C. Freeman, Account Manager
Russell Redding, Account Manager
Michael Goodin, Account Manager
Lawrence Hairelson, Account Manager

ATTESTORS

Marybeth Rios, Administrative Assistant
Miguel Martinez, Project Manager
Craig Brugger, Operations Manager
John Cathey, Project Manager
Andrew Smith, Engineering Manager
Cindy Lee, Purchasing Administrator
Jessica Anderson, Administrative Assistant
Patsy Reeves, Administrative Assistant
Melissa Jones, Administrative Assistant
Kathryn Vance, Project Administrator
Jonathan Mai, Assistant Project Manager
Taylor E. Combs, Assistant Project Manager
Crystal N. Gregory, Assistant Project Manager

EXHIBIT 2
\$500,000 Authority
Business Development Managers
Project Managers III
Area Managers

LAYNE CHRISTENSEN COMPANY

AUTHORIZED SIGNERS

James Bruneio, Jr., Business Development Manager
Mark S. Howard, Business Development Manager
Robert E. Curley, Business Development Manager
Gregory P. Hebert, Business Development Manager
Cris E. Hepburn, Project Manager (III)
Matthew T. Reed, Project Manager (III)
Andrew J. Smith, Project Manager (III)
Thomas P. Healy, Project Manager (III)
Dara Richardson, WRD Area Manager
Robert Grecki, WRD Area Manager
Charles M. Crook, WRD Area Manager
Terence L. Heiliger, WRD Area Manager
Logan M. Scherm, WRD Area Manager
Steven Costello, Area Manager
Max R. Palmer, Area Manager
Stephen P. Anderson, Area Manager
Samuel M. Stowe, Area Manager

ATTESTORS

Marybeth Rios, Administrative Assistant
Miguel Martinez, Project Manager
Craig Brugger, Operations Manager
John Cathey, Project Manager
Tim Miller, Account Manager
Brian Dellett, Account Manager
Cindy Lee, Purchasing Administrator
Mary Foy, Administrative Assistant
Steve Crook, Branch Manager
Donald Ranft, Project Manager
Jacki Horton, Administrative Assistant
Patsy Reeves, Administrative Assistant
Loretta Quimby, Administrative Assistant
Bradley A. Harris, Account Manager

EXHIBIT 3
\$1M Authority
General Managers

LAYNE CHRISTENSEN COMPANY

AUTHORIZED SIGNERS

David W. Branham, General Manager
Jerri L. McKenna, General Manager
William C. Stuckey, General Manager
Todd A. Howard, General Manager
David A. Tormoehlen, General Manager
Timothy S. Oman, General Manager
Gregory A. Ward, General Manager

ATTESTORS


Tristan Parsley, Assistant Project Manager
Juan Lopez, Project Manager
Crystal Gregory, Assistant Project Manager
Jordan Albarado, Project Manager
Casey Gnau, Project Manager
William Balluff, Business Development Manager
Brian Snelton, Project Manager
Joseph Eisha, Account Manager
Cathleen White, Administrative Supervisor
Susan Henney, Administrative Assistant
Jim Benjamin, Engineering Manager
Jeny Musso, Administrative Assistant
Paula Miles, Administrative Assistant
Jessica Anderson, Administrative Assistant
Gavin Wartick, Project Manager
Mark Bennett, Account Manager
Everette Burge, Field Supervisor
Patsy Reeves, Administrative Assistant
Craig Brugger, Operations Manager
Marybeth Rios, Administrative Assistant
Miguel Martinez, Project Manager
John Cathey, Project Manager
Andrew Smith, Engineering Manager
Tim Miller, Account Manager
Wes Van Allen, Project Manager
Brian Dellett, Account Manager
Mike Schanaman, Project Manager
Mark Howard, Business Development Manager
Matthew Reed, Project Manager
Cindy Lee, Purchasing Administrator
Dan Callahan, Account Manager

EXHIBIT 5
\$3M Authority
Division Ops Manager

LAYNE CHRISTENSEN COMPANY

AUTHORIZED SIGNERS

Kent Wartick, Vice President, Division Ops Manager

ATTESTORS

Christine Frisby, Administrative Assistant

Susan Henney, Administrative Assistant



ADDENDUM 1
February 15, 2019

ITB WS 16-19

**Maintenance & Emergency Repair of Okaloosa County Water Supply Wells, Water
Booster Pump Stations, Wastewater Effluent Pump Stations & Stormwater Pump Stations**

This addendum is to provide revised specifications, revised bid sheet and answers to questions
ask by vendors

- The opening date for this ITB remains February 20, 2019 at 3:00 PM CST.
- Revised specifications and bid sheet attached.

ADDENDUM NO. 1

TO: ALL BIDDERS

PROJECT: ITB WS 16-19 Maintenance and Repair of Okaloosa County Water Supply Wells

BID TIME AND DATE: 3:00 PM CST, February 20, 2019

OWNER: OKALOOSA COUNTY WATER AND SEWER SYSTEM

February 15, 2019

A Mandatory Pre-Bid Meeting was held on January 29, 2019. Pursuant to issues discussed and questions arising from that meeting as well as questions subsequent to that meeting, the following items are hereby incorporated into the project contract documents and specifications. **Note, any deletions from original documents will be ~~stricken through~~ and any additions or replacements of deletions shall be *italicized* in this addendum:**

ITEM NO. 1 - Page 00002, Notice to Respondents

- Bid time and date for receipt of bids is **3:00** PM local time on **February 20, 2019** at 101 James Lee Blvd, Room ~~288~~ 282, Crestview, FL 32536
- Bids will be opened at that time.
- **Note - Not a Next Day Delivery Service**
- **Note – Security at Entry Point – allow time for security clearance if hand delivering**
- **Note – if hand delivering, take to Room 255 and ring doorbell**

ITEM NO. 2 – 00002 Bid Requirements

Emphasized the following information:

- Number of Contractors – Intent is to award to more than one vendor
- Term of Contract – Three years with 2 one-year renewals, upon mutual agreement, with appropriate CPI increases.
- Cooperative Pricing – all governmental agencies within Okaloosa County with same terms
- Okaloosa Wells Data Sheets

ITEM NO. 3 - SECTION 00002 Specifications

Article II **Scope of Work**

- Paragraph A-1 shall be modified as follows:

Addendum No. 1 - Page 2 of 9

Vibration Tests:. The test results shall be ~~chart~~ recorded and a copy of the *record chart* included in the report.

- Paragraph B shall be modified as follows:
Well Pump Inspection....The work includes furnishing all labor and equipment...~~removing oil~~ *bailing excess oil* from well.... Inspection of the well *pump assembly*.
- Paragraph G shall be titled as follows: ~~Removal and~~ Disposal of Oil in Well Column

Article III **New Replacement Materials** – The following paragraph shall be added before III-A:

The following specifications are generally for replacement materials as used in well maintenance in OCWS currently. OCWS is aware that technology and materials are constantly evolving and is open to recommendations of updated materials as repairs are planned under this Contract and will be flexible in approving different materials not specifically specified here during NTP preparations under this contract.

ITEM NO. 3 - SECTION 00100

Emphasized the following information:

- Number of Contractors – Intent is to award to more than one Contractor. This is clarified elsewhere in this Addendum.
- Pre-Bid Activity (00100-1) - Questions and answers must be in writing. No questions will be answered that are received after February 8, 2019. Final addendum (if needed) will be issued via email on Feb 15, 2019 as early as practicable.
- Preparation of Bid (00100-1) - Original + 2 copies of the bid form. All originals signed in blue ink.
- Article 4 (00100-2 and 3) - Submittal of Bid - Again, **not a next day delivery**
- Article 19 (00100-5) - Conflict of Interest – Certification Form is included with Bid Package
- Article 23 (00100-6) – CONE OF SILENCE - Certification Form is included with Bid Package
- Article 32 BID DOCUMENTS – Must submit all listed documents or may be deemed non-responsive.

ITEM NO. 4 - SECTION 00300

- 00300-Bid Schedule (beginning on 00300-1) Additions have been made to the Bid Schedule in the original ITB. **USE the FINAL REVISED Section 00300 included with this Addendum to submit your bid!**
- Proposal Evaluation – A list of quantities of items, outlined after the Bid Schedule, shall be used to evaluate bidder's proposal based on the unit prices

provided in the official Bid Schedule.... No guarantee of quantities of Work required during this Contract or Work allocated to individual Contractor(s) during the life of the Contract is provided.

ITEM NO. 5 - SECTION 00430 Bid Bond (DELETE)

This section shall be deleted in its entirety as there are no bonds required for this project.

ITEM NO. 6 - SECTION 00451 Qualifications Statement

- Schedules A and B (pages 00451-8 through 00451-10) may include only current and previous experience during last five years with maintenance and/or service contracts. You are **NOT** required to list all current projects or include all previous projects completed within the last five years, as noted on Schedule B.
- For “Cost of Work” (last column) on both schedules, please indicate total work completed to date for current projects (Schedule A) and the total final completed contract amount for previous work (Schedule B).

ITEM NO. 7 - SECTION 00520

- Article Numbering corrected in this Addendum below and CPI increases added for renewals (as indicated in the Notice to Respondents) .
- 4.01 Total Contract Time – Three-year contract with option for 2 one-year additional renewals, *with appropriate CPI increases at each renewal*, upon mutual agreement by both parties.
- 4.02 4.03 Contract Times: Days – Substantial and final completion dates for each Notice to Proceed (NTP)
- Note – No liquidated damages or retainage apply to this Contract

ITEM NO. 8- SECTION 00800 Supplementary Conditions

Note SC-5.04 Insurance Requirements (00800-1 and 2). Particularly note State of FL Workmen’s Comp requirements and assure that you will have appropriate FL WC during life of this contract.

ITEM NO. 9- SECTION 00700 General Conditions

Article 6.04 – Property Insurance (Builder’s Risk) shall be deleted in its entirety as there is no new construction required in this project.

ITEM NO. 10 - SECTION 00950 Special Conditions

Article 17 (00950-7) Hydrant Meter - no charge for water but Contractor must acquire hydrant meter from OCWS, with refundable deposit.

ITEM NO. 11 – QUESTIONS RECEIVED DURING OR SINCE THE MANDATORY PRE-BID MEETING:

BIDDERS MAY USE THE ANSWERS TO THESE QUESTIONS IN PREPARATION OF THEIR BIDS.

1. The bid title says this is for supply wells & booster, wastewater, and stormwater pump stations. The bid schedule (pricing sheet), however, only addresses wells. Can you help clarify this?
Answer - As discussed in the pre-bid, there are a few vertical turbine pumps at the County's wastewater plants and one stormwater pump station with similar pumps that might fall under this contract. Any work on anything other than supply well and booster pumps will be very limited.
2. Roughly what percentage of our time would be involved in doing non-water well projects (wastewater pump stations for example)?
Answer - As discussed above, we anticipate less than 10% of your time.
3. If more than one company is awarded the contract, how will the choice be made for which one to use on a given project?
Answer - As discussed in the pre-bid, assignment of work will depend on availability of each contractor at the time work is required, past performance on NTPs within this contract as the contract period progresses and on price if there is a significant difference between contractors on specific items relative to a particular NTP.
4. Scope of Work Section A – Item 3 Notes
 - a. Please clarify handling and disposal of pump-to-waste water. Is it acceptable to pipe, via lay flat hose, to a local storm drain or ditch?
Answer - Several wells have overflow ponds on site for this purpose. If not, it will generally be acceptable to use lay flat hose to local storm drains and/or ditches. OCWS staff will work with the Contractor to determine proper disposal plan for each site as they have experience with all of them.
 - b. The contractor to furnish a bound report based on testing of all wells, please clarify if this is a yearly procedure and whether this task will be handled as one job total for one contractor.
Answer - Bound reports will be expected for any time a well test is performed under this Contract. It will be at the discretion of OCWS if annual testing of all wells will be performed but it is not expected at this time.
5. Scope of Work Section D -
Please advise whether pump to waste water should be chlorine neutral or if low residual is acceptable before discharge.
Answer - Yes, pump to waste water shall be dechlorinated to chlorine neutral
6. Scope of Work Section I -
A pump and tremie pipe materials will need to be addressed somewhere for well abandonment materials as required by the state to properly abandon a well. We would request adding a line item for well abandonment equipment if permissible.

Answer - A line item has been added to the Bid Schedule for this item.

7. Please add a line item for video inspection under static conditions, includes video logging service and technician.

Answer - A line item has been added to the Bid Schedule for this item.

8. We discussed the pump lateral setting when a motor shop becomes involved to repair a motor at the pre-bid. If acceptable please include a section to address this topic, mainly for warranty purposes but also piece of mind that a qualified pump technician is setting your pump versus a motor technician.

Answer - Okaloosa County agrees that if motor repairs are performed on a well that is under warranty from a Contractor under this Contract, the Contractor holding the well warranty will be contacted to set the pump during repaired motor installation. If the well Contractor is not contacted to set the warranted pump, the County understands that the remainder of the warranty on said well pump will be voided.

9. Are these screened wells or open-hole wells? Are diameters of screens/open-holes available, or well profiles?

Answer - Okaloosa County wells are screened wells and all readily available data for all OCWS wells is included in Section 00002 of the ITB for this project, in table format.

10. Does Item 10 on the Bid Schedule include the cleaning of well screens / open-holes, or is it limited to the well casing?

Answer - The cleaning in item 10 is defined in Section 00002, II Scope of Work, Article F. Casing Inspection and Cleaning:

11. Is a list of Well site addresses or location descriptions available so we can view on Google Earth?

Answer - Attached is a kmz file that includes the locations of all OCWS wells and tanks, which should be viewable in Google Earth.



OCWS Tanks and
Wells.kmz

Section 00300 (ADDENDUM No. 1)
REVISED FINAL BID SCHEDULE

BID #: ITB WS 16-19

BASE BID (Item 1-31) – MAINTENANCE & REPAIR OF OKALOOSA COUNTY WATER SUPPLY WELLS, WATER BOOSTER PUMP STATIONS, WASTEWATER EFFLUENT PUMP STATIONS & STORMWATER PUMP STATIONS.

ITEM #	DESCRIPTION – Services and Materials	UNIT PRICE
1	Pre-Performance Testing (including vibration, flow meter and pumping testing) in accordance with specifications, complete and in place for the lump sum price of	LS
2	Vibration Testing only, in accordance with specifications complete and in place for the lump sum price of,	LS
3	Flow Meter Testing only, in accordance with specifications, complete and in place for the lump sum price of	LS
4	Pumping Testing only, in accordance with specifications, complete and in place for the lump sum price of	LS
5	Mobilize and remove pump, motor (less than 100 HP), column assembly, etc. from well, disassemble, complete inspection & report, reassemble & reinstall pump, etc., back into well, including site restoration, complete and in place for the lump sum price of	LS
6	Mobilize and remove pump, motor (100 to <150 HP), column assembly, etc. from well, disassemble, complete inspection & report, reassemble & reinstall pump, etc., back into well, including site restoration, complete and in place for the lump sum price of	LS
7	Mobilize and remove pump, motor (greater than 150 HP), column assembly, etc. from well, disassemble, complete inspection & report, reassemble & reinstall pump, etc., back into well, including site restoration, complete and in place for the lump sum price of	LS
8	Disinfection of water supply well in accordance with specifications, complete and in place for the lump sum price of	LS
9	Post-performance testing (including vibration, flow meter and pumping testing) in accordance with specifications	LS
10	Complete well casing cleaning and video recorded inspection of well in accordance with specifications, complete and in place for the lump sum price of	LS
11	Disposal of oil in well column, measured by the barrel	Barrel
12	Well abandonment grout (per 94# sack)	EA
13	Well abandonment backfill material	CY
14	Well abandonment equipment (pump, tremie pipe, etc.) necessary	EA

	to abandon potable well per state regulations, per each abandonment	
15	Fixed 25% - Mark-up for replacement parts to include overhead & profit. (NOTE: Base price before mark-up should include taxes and freight.)	Fixed 25%

ITEM #	DESCRIPTION – Equipment and Manpower (All items include overhead and profit)	PRICE PER HOUR
16	Pivotal hydraulic crane (30 ton min)	
17	3,000# class drill rig with 144,000 lb (min) load capacity, mud-pumps, air compressor, drill pipe, collars and support equipment	
18	Less than 3,000# class drill rig with 144,000 lb (min) load capacity, mud-pumps, air compressor, drill pipe, collars and support equipment	
19	Pump technician with service truck	
20	Pump technician with service truck (overtime)	
21	Shop technician for pump repair, shaft alignment, etc.	
22	Shop technician for pump repair, shaft alignment, etc. (overtime)	
23	Two person crew with service truck	
24	Two person crew with service truck (overtime)	
25	Three person crew with service truck	
26	Three person crew with service truck (overtime)	
27	Four person crew with service truck	
28	Four person crew with service truck (overtime)	
29	Pump repair rig with crew	
30	Data logging truck & operator for water quality testing	
31	Video inspection under static conditions, including video logging service and technician	

Proposal Evaluation - The following list of quantities of items shall be used to evaluate bidder's proposal based on the unit prices provided in the bid schedule above. All work allocated under this Contract shall be based on the unit prices established in the bid schedule and Contractor will be compensated for actual work performed only. No guarantee of quantities of Work required during this Contract or Work allocated to individual Contractor(s) during the life of the Contract is provided.

ITEM #	DESCRIPTION – Services and Materials	Proposed Quantity for Bid Evaluation ONLY	UNIT (from Bid Schedule)
1	Pre-Performance Testing (including vibration, flow meter and pumping testing) in accordance with specifications, complete and in place for the lump sum price of	5	Lump Sum
2	Vibration Testing only, in accordance with specifications complete and in place for the lump sum price of,	5	Lump Sum
3	Flow Meter Testing only, in accordance with specifications, complete and in place for the lump sum price of	20	Lump Sum
4	Pumping Testing only, in accordance with specifications, complete and in place for the lump sum price of	5	Lump Sum
5	Mobilize and remove pump, motor (less than 100 HP), column assembly, etc. from well, disassemble, complete inspection & report, reassemble & reinstall pump, etc., back into	3	Lump Sum

	well, including site restoration, complete and in place for the lump sum price of		
6	Mobilize and remove pump, motor (100 to <150 HP), column assembly, etc. from well, disassemble, complete inspection & report, reassemble & reinstall pump, etc., back into well, including site restoration, complete and in place for the lump sum price of	3	Lump Sum
7	Mobilize and remove pump, motor (greater than 150 HP), column assembly, etc. from well, disassemble, complete inspection & report, reassemble & reinstall pump, etc., back into well, including site restoration, complete and in place for the lump sum price of	3	Lump Sum
8	Disinfection of water supply well in accordance with specifications, complete and in place for the lump sum price of	3	Lump Sum
9	Post-performance testing (including vibration, flow meter and pumping testing) in accordance with specifications	5	Lump Sum
10	Complete well casing cleaning and video recorded inspection of well in accordance with specifications, complete and in place for the lump sum price of	3	Lump Sum
11	Disposal of oil in well column	1	Barrel
12	Well abandonment grout (per 94# sack)	10	EA
13	Well abandonment backfill material	5	CY
14	Well abandonment equipment (pump, tremie pipe, etc.) necessary to abandon potable well per state regulations, per each abandonment	1	EA
ITEM #	DESCRIPTION – Equipment and Manpower (All items include overhead and profit)		PER HOUR
16	Pivotal hydraulic crane (30 ton min)	8	Hours
17	3,000# class drill rig with 144,000 lb (min) load capacity, mud-pumps, air compressor, drill pipe, collars and support equipment	1	Hours
18	Less than 3,000# class drill rig with 144,000 lb (min) load capacity, mud-pumps, air compressor, drill pipe, collars and support equipment	8	Hours
19	Pump technician with service truck	100	Hours
20	Pump technician with service truck (overtime)	10	Hours
21	Shop technician for pump repair, shaft alignment, etc.	50	Hours
22	Shop technician for pump repair, shaft alignment, etc. (overtime)	5	Hours
23	Two person crew with service truck	200	Hours
24	Two person crew with service truck (overtime)	10	Hours
25	Three person crew with service truck	120	Hours
26	Three person crew with service truck (overtime)	6	Hours
27	Four person crew with service truck	20	Hours
28	Four person crew with service truck (overtime)	2	Hours
29	Pump repair rig with crew	40	Hours
30	Data logging truck & operator for water quality testing	24	Hours
31	Video inspection under static conditions, including video logging service and technician	8	31

**SECTION 00700
STANDARD GENERAL CONDITIONS OF THE
CONSTRUCTION CONTRACT**

TABLE OF CONTENTS

	Page
<u>Article 1 – Definitions and Terminology</u>	5
<u>1.01 Defined Terms</u>	5
<u>1.02 Terminology</u>	8
<u>Article 2 – Preliminary Matters</u>	9
<u>2.01 Delivery of Bonds and Evidence of Insurance</u>	9
<u>2.02 Copies of Documents</u>	10
<u>2.03 Before Starting Construction</u>	10
<u>2.04 Preconstruction Conference; Designation of Authorized Representatives</u>	10
<u>2.05 Initial Acceptance of Schedules</u>	10
<u>2.06 Electronic Transmittals</u>	11
<u>Article 3 – Documents: Intent, Requirements, Reuse</u>	11
<u>3.01 Intent</u>	11
<u>3.02 Reference Standards</u>	11
<u>3.03 Reporting and Resolving Discrepancies</u>	12
<u>3.04 Requirements of the Contract Documents</u>	13
<u>3.05 Reuse of Documents</u>	13
<u>Article 4 – Commencement and Progress of the Work</u>	13
<u>4.01 Commencement of Contract Times; Notice to Proceed</u>	13
<u>4.02 Starting the Work</u>	14
<u>4.03 Reference Points</u>	14
<u>4.04 Progress Schedule</u>	14
<u>4.05 Delays in Contractor’s Progress</u>	14
<u>Article 5 – Availability of Lands; Subsurface and Physical Conditions; Hazardous Environmental Conditions</u>	15
<u>5.01 Availability of Lands</u>	15
<u>5.02 Use of Site and Other Areas</u>	15
<u>5.03 Subsurface and Physical Conditions</u>	16
<u>5.04 Differing Subsurface or Physical Conditions</u>	17
<u>5.05 Underground Facilities</u>	18
<u>Article 6 – Bonds and Insurance</u>	22

6.01	Bid Bond	..... Error! Bookmark not defined.
6.02	Insurance—General Provisions	..... 22
6.03	Contractor’s Insurance	..... 23
6.04	Owner’s Liability Insurance	..... 25
6.05	Property Insurance	..... 25
6.06	Waiver of Rights	..... 27
6.07	Receipt and Application of Property Insurance Proceeds	..... 27
Article 7 – Contractor’s Responsibilities		..... 28
7.01	Supervision and Superintendence	..... 28
7.02	Labor; Working Hours	..... 28
7.03	Services, Materials, and Equipment	..... 28
7.04	“Or Equals”	..... 29
7.05	Substitutes	..... 30
7.06	Concerning Subcontractors, Suppliers, and Others	..... 31
7.07	Patent Fees and Royalties	..... 32
7.08	Permits	..... 33
7.09	Taxes	..... 33
7.10	Laws and Regulations	..... 33
7.11	Record Documents	..... 34
7.12	Safety and Protection	..... 34
7.13	Safety Representative	..... 35
7.14	Hazard Communication Programs	..... 35
7.15	Emergencies	..... 35
7.16	Shop Drawings, Samples, and Other Submittals	..... 35
7.17	Contractor’s General Warranty and Guarantee	..... 37
7.18	Indemnification	..... 38
7.19	Delegation of Professional Design Services	..... 39
Article 8 – Other Work at the Site		..... 39
8.01	Other Work	..... 39
8.02	Coordination	..... 40
8.03	Legal Relationships	..... 40
Article 9 – Owner’s Responsibilities		..... 41
9.01	Communications to Contractor	..... 41
9.02	Replacement of Engineer	..... 41
9.03	Furnish Data	..... 41

9.04	Terms	41
9.05	Lands and Easements; Reports, Tests, and Drawings	41
9.06	Insurance	42
9.07	Change Orders	42
9.08	Inspections, Tests, and Approvals	42
9.09	Limitations on Owner’s Responsibilities	42
9.10	Undisclosed Hazardous Environmental Condition	42
9.11	Evidence of Financial Arrangements	42
9.12	Safety Programs	42
Article 10 – Engineer’s Status During Construction		42
10.01	Owner’s Representative	42
10.02	Visits to Site	42
10.03	Project Representative	43
10.04	Rejecting Defective Work	43
10.05	Shop Drawings, Change Orders and Payments	43
10.06	Determinations for Unit Price Work	43
10.07	Decisions on Requirements of Contract Documents and Acceptability of Work	43
10.08	Limitations on Engineer’s Authority and Responsibilities	44
10.09	Compliance with Safety Program	44
Article 11 – Amending the Contract Documents; Changes in the Work		44
11.01	Amending and Supplementing Contract Documents	44
11.02	Owner-Authorized Changes in the Work	45
11.03	Unauthorized Changes in the Work	45
11.04	Change of Contract Price	45
11.05	Change of Contract Times	46
11.06	Change Proposals	47
11.07	Execution of Change Orders	47
11.08	Notification to Surety	48
Article 12 – Claims		48
12.01	Claims	48
Article 13 – Cost of the Work; Allowances; Unit Price Work		49
13.01	Cost of the Work	49
13.02	Allowances	51
13.03	Unit Price Work	52
Article 14 – Tests and Inspections; Correction, Removal or Acceptance of Defective Work		53

14.01	Access to Work	53
14.02	Tests, Inspections, and Approvals	53
14.03	Defective Work	54
14.04	Acceptance of Defective Work	54
14.05	Uncovering Work	54
14.06	Owner May Stop the Work	55
14.07	Owner May Correct Defective Work	55
Article 15 – Payments to Contractor; Set-Offs; Completion; Correction Period		56
15.01	Progress Payments	56
15.02	Contractor’s Warranty of Title	58
15.03	Substantial Completion	58
15.04	Partial Use or Occupancy	59
15.05	Final Inspection	59
15.06	Final Payment	59
15.07	Waiver of Claims	60
15.08	Correction Period	60
Article 16 – Suspension of Work and Termination		61
16.01	Owner May Suspend Work	61
16.02	Owner May Terminate for Cause	61
16.03	Owner May Terminate For Convenience	62
16.04	Contractor May Stop Work or Terminate	63
Article 17 – Final Resolution of Disputes		63
17.01	Methods and Procedures	63
Article 18 – Miscellaneous		63
18.01	Giving Notice	63
18.02	Computation of Times	64
18.03	Cumulative Remedies	64
18.04	Limitation of Damages	64
18.05	No Waiver	64
18.06	Survival of Obligations	64
18.07	Controlling Law	64
18.08	Headings	64

ARTICLE 1 – DEFINITIONS AND TERMINOLOGY

1.01 *Defined Terms*

- A. Wherever used in the Bidding Requirements or Contract Documents, a term printed with initial capital letters, including the term's singular and plural forms, will have the meaning indicated in the definitions below. In addition to terms specifically defined, terms with initial capital letters in the Contract Documents include references to identified articles and paragraphs, and the titles of other documents or forms.
1. *Addenda*—Written or graphic instruments issued prior to the opening of Bids which clarify, correct, or change the Bidding Requirements or the proposed Contract Documents.
 2. *Agreement*—The written instrument, executed by Owner and Contractor, that sets forth the Contract Price and Contract Times, identifies the parties and the Engineer, and designates the specific items that are Contract Documents.
 3. *Application for Payment*—The form acceptable to Engineer which is to be used by Contractor during the course of the Work in requesting progress or final payments and which is to be accompanied by such supporting documentation as is required by the Contract Documents.
 4. *Bid*—The offer of a Bidder submitted on the prescribed form setting forth the prices for the Work to be performed.
 5. *Bidder*—An individual or entity that submits a Bid to Owner.
 6. *Bidding Documents*—The Bidding Requirements, the proposed Contract Documents, and all Addenda.
 7. *Bidding Requirements*—The advertisement or invitation to bid, Instructions to Bidders, Bid Bond or other Bid security, if any, the Bid Form, and the Bid with any attachments.
 8. *Change Order*—A document which is signed by Contractor and Owner and authorizes an addition, deletion, or revision in the Work or an adjustment in the Contract Price or the Contract Times, or other revision to the Contract, issued on or after the Effective Date of the Contract.
 9. *Change Proposal*—A written request by Contractor, duly submitted in compliance with the procedural requirements set forth herein, seeking an adjustment in Contract Price or Contract Times, or both; contesting an initial decision by Engineer concerning the requirements of the Contract Documents or the acceptability of Work under the Contract Documents; challenging a set-off against payments due; or seeking other relief with respect to the terms of the Contract.
 10. *Claim*—(a) A demand or assertion by Owner directly to Contractor, duly submitted in compliance with the procedural requirements set forth herein: seeking an adjustment of Contract Price or Contract Times, or both; contesting an initial decision by Engineer concerning the requirements of the Contract Documents or the acceptability of Work under the Contract Documents; contesting Engineer's decision regarding a Change Proposal; seeking resolution of a contractual issue that Engineer has declined to address; or seeking other relief with respect to the terms of the Contract; or (b) a demand or assertion by Contractor directly to Owner, duly submitted in compliance with the procedural requirements set forth herein, contesting Engineer's decision regarding a Change Proposal; or seeking resolution of a contractual issue that Engineer has declined to address. A demand for money or services by a third party is not a Claim.

11. *Constituent of Concern*—Asbestos, petroleum, radioactive materials, polychlorinated biphenyls (PCBs), hazardous waste, and any substance, product, waste, or other material of any nature whatsoever that is or becomes listed, regulated, or addressed pursuant to (a) the Comprehensive Environmental Response, Compensation and Liability Act, 42 U.S.C. §§9601 et seq. (“CERCLA”); (b) the Hazardous Materials Transportation Act, 49 U.S.C. §§5101 et seq.; (c) the Resource Conservation and Recovery Act, 42 U.S.C. §§6901 et seq. (“RCRA”); (d) the Toxic Substances Control Act, 15 U.S.C. §§2601 et seq.; (e) the Clean Water Act, 33 U.S.C. §§1251 et seq.; (f) the Clean Air Act, 42 U.S.C. §§7401 et seq.; or (g) any other federal, state, or local statute, law, rule, regulation, ordinance, resolution, code, order, or decree regulating, relating to, or imposing liability or standards of conduct concerning, any hazardous, toxic, or dangerous waste, substance, or material.
12. *Contract*—The entire and integrated written contract between the Owner and Contractor concerning the Work.
13. *Contract Documents*—Those items so designated in the Agreement, and which together comprise the Contract.
14. *Contract Price*—The money that Owner has agreed to pay Contractor for completion of the Work in accordance with the Contract Documents. .
15. *Contract Times*—The number of days or the dates by which Contractor shall: (a) achieve Milestones, if any; and (b) complete the Work.
16. *Contractor*—The individual or entity with which Owner has contracted for performance of the Work.
17. *Cost of the Work*—See Paragraph 13.01 for definition.
18. *Drawings*—The part of the Contract that graphically shows the scope, extent, and character of the Work to be performed by Contractor.
19. *Effective Date of the Contract*—The date, indicated in the Agreement, on which the Contract becomes effective.
20. *Engineer*—The individual or entity named as such in the Agreement.
21. *Field Order*—A written order issued by Engineer which requires minor changes in the Work but does not change the Contract Price or the Contract Times.
22. *Hazardous Environmental Condition*—The presence at the Site of Constituents of Concern in such quantities or circumstances that may present a danger to persons or property exposed thereto. The presence at the Site of materials that are necessary for the execution of the Work, or that are to be incorporated in the Work, and that are controlled and contained pursuant to industry practices, Laws and Regulations, and the requirements of the Contract, does not establish a Hazardous Environmental Condition.
23. *Laws and Regulations; Laws or Regulations*—Any and all applicable laws, statutes, rules, regulations, ordinances, codes, and orders of any and all governmental bodies, agencies, authorities, and courts having jurisdiction.
24. *Liens*—Charges, security interests, or encumbrances upon Contract-related funds, real property, or personal property.
25. *Milestone*—A principal event in the performance of the Work that the Contract requires Contractor to achieve by an intermediate completion date or by a time prior to completion of all the Work.

26. *Notice of Award*—The written notice by Owner to a Bidder of Owner’s acceptance of the Bid.
27. *Notice to Proceed*—A written notice by Owner to Contractor fixing the date on which the Contract Times will commence to run and on which Contractor shall start to perform the Work.
28. *Owner*—The individual or entity with which Contractor has contracted regarding the Work, and which has agreed to pay Contractor for the performance of the Work, pursuant to the terms of the Contract.
29. *Progress Schedule*—A schedule, prepared and maintained by Contractor, describing the sequence and duration of the activities comprising the Contractor’s plan to accomplish the Work within the Contract Times.
30. *Project*—The total undertaking to be accomplished for Owner by engineers, contractors, and others, including planning, study, design, construction, testing, commissioning, and start-up, and of which the Work to be performed under the Contract Documents is a part.
31. *Project Manual*—The written documents prepared for, or made available for, procuring and constructing the Work, including but not limited to the Bidding Documents or other construction procurement documents, geotechnical and existing conditions information, the Agreement, bond forms, General Conditions, Supplementary Conditions, and Specifications. The contents of the Project Manual may be bound in one or more volumes.
32. *Resident Project Representative*—The authorized representative of Engineer assigned to assist Engineer at the Site. As used herein, the term Resident Project Representative or “RPR” includes any assistants or field staff of Resident Project Representative.
33. *Samples*—Physical examples of materials, equipment, or workmanship that are representative of some portion of the Work and that establish the standards by which such portion of the Work will be judged.
34. *Schedule of Submittals*—A schedule, prepared and maintained by Contractor, of required submittals and the time requirements for Engineer’s review of the submittals and the performance of related construction activities.
35. *Schedule of Values*—A schedule, prepared and maintained by Contractor, allocating portions of the Contract Price to various portions of the Work and used as the basis for reviewing Contractor’s Applications for Payment.
36. *Shop Drawings*—All drawings, diagrams, illustrations, schedules, and other data or information that are specifically prepared or assembled by or for Contractor and submitted by Contractor to illustrate some portion of the Work. Shop Drawings, whether approved or not, are not Drawings and are not Contract Documents.
37. *Site*—Lands or areas indicated in the Contract Documents as being furnished by Owner upon which the Work is to be performed, including rights-of-way and easements, and such other lands furnished by Owner which are designated for the use of Contractor.
38. *Specifications*—The part of the Contract that consists of written requirements for materials, equipment, systems, standards, and workmanship as applied to the Work, and certain administrative requirements and procedural matters applicable to the Work.
39. *Subcontractor*—An individual or entity having a direct contract with Contractor or with any other Subcontractor for the performance of a part of the Work.

40. *Successful Bidder*—The Bidder whose Bid the Owner accepts, and to which the Owner makes an award of contract, subject to stated conditions.
41. *Supplementary Conditions*—The part of the Contract that amends or supplements these General Conditions.
42. *Supplier*—A manufacturer, fabricator, supplier, distributor, materialman, or vendor having a direct contract with Contractor or with any Subcontractor to furnish materials or equipment to be incorporated in the Work by Contractor or a Subcontractor.
43. *Technical Data*—Those items expressly identified as Technical Data in the Supplementary Conditions, with respect to either (a) subsurface conditions at the Site, or physical conditions relating to existing surface or subsurface structures at the Site (except Underground Facilities) or (b) Hazardous Environmental Conditions at the Site. If no such express identifications of Technical Data have been made with respect to conditions at the Site, then the data contained in boring logs, recorded measurements of subsurface water levels, laboratory test results, and other factual, objective information regarding conditions at the Site that are set forth in any geotechnical or environmental report prepared for the Project and made available to Contractor are hereby defined as Technical Data with respect to conditions at the Site under Paragraphs 5.03, 5.04, and 5.06.
44. *Underground Facilities*—All underground pipelines, conduits, ducts, cables, wires, manholes, vaults, tanks, tunnels, or other such facilities or attachments, and any encasements containing such facilities, including but not limited to those that convey electricity, gases, steam, liquid petroleum products, telephone or other communications, fiber optic transmissions, cable television, water, wastewater, storm water, other liquids or chemicals, or traffic or other control systems.
45. *Unit Price Work*—Work to be paid for on the basis of unit prices.
46. *Work*—The entire construction or the various separately identifiable parts thereof required to be provided under the Contract Documents. Work includes and is the result of performing or providing all labor, services, and documentation necessary to produce such construction; furnishing, installing, and incorporating all materials and equipment into such construction; and may include related services such as testing, start-up, and commissioning, all as required by the Contract Documents.
47. *Work Change Directive*—A written directive to Contractor issued on or after the Effective Date of the Contract, signed by Owner and recommended by Engineer, ordering an addition, deletion, or revision in the Work.

1.02 Terminology

- A. The words and terms discussed in the following paragraphs are not defined but, when used in the Bidding Requirements or Contract Documents, have the indicated meaning.
- B. Intent of Certain Terms or Adjectives:
 1. The Contract Documents include the terms “as allowed,” “as approved,” “as ordered,” “as directed” or terms of like effect or import to authorize an exercise of professional judgment by Engineer. In addition, the adjectives “reasonable,” “suitable,” “acceptable,” “proper,” “satisfactory,” or adjectives of like effect or import are used to describe an action or determination of Engineer as to the Work. It is intended that such exercise of professional judgment, action, or determination will be solely to evaluate, in general, the Work for compliance with the information in the Contract Documents and with the design concept of the Project as a functioning whole as shown or indicated in the Contract Documents

(unless there is a specific statement indicating otherwise). The use of any such term or adjective is not intended to and shall not be effective to assign to Engineer any duty or authority to supervise or direct the performance of the Work, or any duty or authority to undertake responsibility contrary to the provisions of Article 10 or any other provision of the Contract Documents.

C. Day:

1. The word “day” means a calendar day of 24 hours measured from midnight to the next midnight.

D. Defective:

1. The word “defective,” when modifying the word “Work,” refers to Work that is unsatisfactory, faulty, or deficient in that it:
 - a. does not conform to the Contract Documents; or
 - b. does not meet the requirements of any applicable inspection, reference standard, test, or approval referred to in the Contract Documents; or
 - c. has been damaged prior to Engineer’s recommendation of final payment (unless responsibility for the protection thereof has been assumed by Owner at completion in accordance with Paragraph 15.03 or 15.04).

E. Furnish, Install, Perform, Provide:

1. The word “furnish,” when used in connection with services, materials, or equipment, shall mean to supply and deliver said services, materials, or equipment to the Site (or some other specified location) ready for use or installation and in usable or operable condition.
2. The word “install,” when used in connection with services, materials, or equipment, shall mean to put into use or place in final position said services, materials, or equipment complete and ready for intended use.
3. The words “perform” or “provide,” when used in connection with services, materials, or equipment, shall mean to furnish and install said services, materials, or equipment complete and ready for intended use.
4. If the Contract Documents establish an obligation of Contractor with respect to specific services, materials, or equipment, but do not expressly use any of the four words “furnish,” “install,” “perform,” or “provide,” then Contractor shall furnish and install said services, materials, or equipment complete and ready for intended use.

- F. Unless stated otherwise in the Contract Documents, words or phrases that have a well-known technical or construction industry or trade meaning are used in the Contract Documents in accordance with such recognized meaning.

ARTICLE 2 – PRELIMINARY MATTERS

2.01 *Delivery of Bonds and Evidence of Insurance*

- A. *Bonds*: When Contractor delivers the executed counterparts of the Agreement to Owner, Contractor shall also deliver to Owner such bonds as Contractor may be required to furnish.
- B. *Evidence of Contractor’s Insurance*: When Contractor delivers the executed counterparts of the Agreement to Owner, Contractor shall also deliver to Owner, with copies to each named insured and additional insured (as identified in the Supplementary Conditions or elsewhere in

the Contract), the certificates and other evidence of insurance required to be provided by Contractor in accordance with Article 6.

- C. *Evidence of Owner's Insurance:* After receipt of the executed counterparts of the Agreement and all required bonds and insurance documentation, Owner shall promptly deliver to Contractor, with copies to each named insured and additional insured (as identified in the Supplementary Conditions or otherwise), the certificates and other evidence of insurance required to be provided by Owner under Article 6.

2.02 *Copies of Documents*

- A. Owner shall furnish to Contractor four (4) printed copies of the Contract (including one fully executed counterpart of the Agreement), and one copy in electronic portable document format (PDF). Additional printed copies will be furnished upon request at the cost of reproduction.
- B. Owner shall maintain and safeguard at least one original printed record version of the Contract, including Drawings and Specifications signed and sealed by Engineer and other design professionals. Owner shall make such original printed record version of the Contract available to Contractor for review. Owner may delegate the responsibilities under this provision to Engineer.

2.03 *Before Starting Construction*

- A. *Preliminary Schedules:* Within 10 days after the Effective Date of the Contract (or as otherwise specifically required by the Contract Documents), Contractor shall submit to Engineer for timely review:
 - 1. a preliminary Progress Schedule indicating the times (numbers of days or dates) for starting and completing the various stages of the Work, including any Milestones specified in the Contract;
 - 2. a preliminary Schedule of Submittals; and
 - 3. a preliminary Schedule of Values for all of the Work which includes quantities and prices of items which when added together equal the Contract Price and subdivides the Work into component parts in sufficient detail to serve as the basis for progress payments during performance of the Work. Such prices will include an appropriate amount of overhead and profit applicable to each item of Work.

2.04 *Preconstruction Conference; Designation of Authorized Representatives*

- A. Before any Work at the Site is started, a conference attended by Owner, Contractor, Engineer, and others as appropriate will be held to establish a working understanding among the parties as to the Work and to discuss the schedules referred to in Paragraph 2.03.A, procedures for handling Shop Drawings, Samples, and other submittals, processing Applications for Payment, electronic or digital transmittals, and maintaining required records.
- B. At this conference Owner and Contractor each shall designate, in writing, a specific individual to act as its authorized representative with respect to the services and responsibilities under the Contract. Such individuals shall have the authority to transmit and receive information, render decisions relative to the Contract, and otherwise act on behalf of each respective party.

2.05 *Initial Acceptance of Schedules*

- A. At least 10 days before submission of the first Application for Payment a conference, attended by Contractor, Engineer, and others as appropriate, will be held to review for acceptability to Engineer as provided below the schedules submitted in accordance with Paragraph 2.03.A.

Contractor shall have an additional 10 days to make corrections and adjustments and to complete and resubmit the schedules. No progress payment shall be made to Contractor until acceptable schedules are submitted to Engineer.

1. The Progress Schedule will be acceptable to Engineer if it provides an orderly progression of the Work to completion within the Contract Times. Such acceptance will not impose on Engineer responsibility for the Progress Schedule, for sequencing, scheduling, or progress of the Work, nor interfere with or relieve Contractor from Contractor's full responsibility therefor.
2. Contractor's Schedule of Submittals will be acceptable to Engineer if it provides a workable arrangement for reviewing and processing the required submittals.
3. Contractor's Schedule of Values will be acceptable to Engineer as to form and substance if it provides a reasonable allocation of the Contract Price to the component parts of the Work.

2.06 *Electronic Transmittals*

- A. Except as otherwise stated elsewhere in the Contract, the Owner, Engineer, and Contractor may transmit, and shall accept, Project-related correspondence, text, data, documents, drawings, information, and graphics, including but not limited to Shop Drawings and other submittals, in electronic media or digital format, either directly, or through access to a secure Project website.
- B. If the Contract does not establish protocols for electronic or digital transmittals, then Owner, Engineer, and Contractor shall jointly develop such protocols.
- C. When transmitting items in electronic media or digital format, the transmitting party makes no representations as to long term compatibility, usability, or readability of the items resulting from the recipient's use of software application packages, operating systems, or computer hardware differing from those used in the drafting or transmittal of the items, or from those established in applicable transmittal protocols.

ARTICLE 3 – DOCUMENTS: INTENT, REQUIREMENTS, REUSE

3.01 *Intent*

- A. The Contract Documents are complementary; what is required by one is as binding as if required by all.
- B. It is the intent of the Contract Documents to describe a functionally complete project (or part thereof) to be constructed in accordance with the Contract Documents.
- C. Unless otherwise stated in the Contract Documents, if there is a discrepancy between the electronic or digital versions of the Contract Documents (including any printed copies derived from such electronic or digital versions) and the printed record version, the printed record version shall govern.
- D. The Contract supersedes prior negotiations, representations, and agreements, whether written or oral.
- E. Engineer will issue clarifications and interpretations of the Contract Documents as provided herein.

3.02 *Reference Standards*

- A. Standards Specifications, Codes, Laws and Regulations

1. Reference in the Contract Documents to standard specifications, manuals, reference standards, or codes of any technical society, organization, or association, or to Laws or Regulations, whether such reference be specific or by implication, shall mean the standard specification, manual, reference standard, code, or Laws or Regulations in effect at the time of opening of Bids (or on the Effective Date of the Contract if there were no Bids), except as may be otherwise specifically stated in the Contract Documents.
2. No provision of any such standard specification, manual, reference standard, or code, or any instruction of a Supplier, shall be effective to change the duties or responsibilities of Owner, Contractor, or Engineer, or any of their subcontractors, consultants, agents, or employees, from those set forth in the part of the Contract Documents prepared by or for Engineer. No such provision or instruction shall be effective to assign to Owner, Engineer, or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors, any duty or authority to supervise or direct the performance of the Work or any duty or authority to undertake responsibility inconsistent with the provisions of the part of the Contract Documents prepared by or for Engineer.

3.03 *Reporting and Resolving Discrepancies*

A. Reporting Discrepancies:

1. *Contractor's Verification of Figures and Field Measurements:* Before undertaking each part of the Work, Contractor shall carefully study the Contract Documents, and check and verify pertinent figures and dimensions therein, particularly with respect to applicable field measurements. Contractor shall promptly report in writing to Engineer any conflict, error, ambiguity, or discrepancy that Contractor discovers, or has actual knowledge of, and shall not proceed with any Work affected thereby until the conflict, error, ambiguity, or discrepancy is resolved, by a clarification or interpretation by Engineer, or by an amendment or supplement to the Contract Documents issued pursuant to Paragraph 11.01.
2. *Contractor's Review of Contract Documents:* If, before or during the performance of the Work, Contractor discovers any conflict, error, ambiguity, or discrepancy within the Contract Documents, or between the Contract Documents and (a) any applicable Law or Regulation, (b) actual field conditions, (c) any standard specification, manual, reference standard, or code, or (d) any instruction of any Supplier, then Contractor shall promptly report it to Engineer in writing. Contractor shall not proceed with the Work affected thereby (except in an emergency as required by Paragraph 7.15) until the conflict, error, ambiguity, or discrepancy is resolved, by a clarification or interpretation by Engineer, or by an amendment or supplement to the Contract Documents issued pursuant to Paragraph 11.01.
3. Contractor shall not be liable to Owner or Engineer for failure to report any conflict, error, ambiguity, or discrepancy in the Contract Documents unless Contractor had actual knowledge thereof.

B. Resolving Discrepancies:

1. Except as may be otherwise specifically stated in the Contract Documents, the provisions of the part of the Contract Documents prepared by or for Engineer shall take precedence in resolving any conflict, error, ambiguity, or discrepancy between such provisions of the Contract Documents and:

- a. the provisions of any standard specification, manual, reference standard, or code, or the instruction of any Supplier (whether or not specifically incorporated by reference as a Contract Document); or
- b. the provisions of any Laws or Regulations applicable to the performance of the Work (unless such an interpretation of the provisions of the Contract Documents would result in violation of such Law or Regulation).

3.04 *Requirements of the Contract Documents*

- A. During the performance of the Work and until final payment, Contractor and Owner shall submit to the Engineer all matters in question concerning the requirements of the Contract Documents (sometimes referred to as requests for information or interpretation—RFIs), or relating to the acceptability of the Work under the Contract Documents, as soon as possible after such matters arise. Engineer will be the initial interpreter of the requirements of the Contract Documents, and judge of the acceptability of the Work thereunder.
- B. Engineer will, with reasonable promptness, render a written clarification, interpretation, or decision on the issue submitted, or initiate an amendment or supplement to the Contract Documents. Engineer’s written clarification, interpretation, or decision will be final and binding on Contractor, unless it appeals by submitting a Change Proposal, and on Owner, unless it appeals by filing a Claim.
- C. If a submitted matter in question concerns terms and conditions of the Contract Documents that do not involve (1) the performance or acceptability of the Work under the Contract Documents, (2) the design (as set forth in the Drawings, Specifications, or otherwise), or (3) other engineering or technical matters, then Engineer will promptly give written notice to Owner and Contractor that Engineer is unable to provide a decision or interpretation. If Owner and Contractor are unable to agree on resolution of such a matter in question, either party may pursue resolution as provided in Article 12.

3.05 *Reuse of Documents*

- A. Contractor and its Subcontractors and Suppliers shall not:
 - 1. have or acquire any title to or ownership rights in any of the Drawings, Specifications, or other documents (or copies of any thereof) prepared by or bearing the seal of Engineer or its consultants, including electronic media editions, or reuse any such Drawings, Specifications, other documents, or copies thereof on extensions of the Project or any other project without written consent of Owner and Engineer and specific written verification or adaptation by Engineer; or
 - 2. have or acquire any title or ownership rights in any other Contract Documents, reuse any such Contract Documents for any purpose without Owner’s express written consent, or violate any copyrights pertaining to such Contract Documents.
- B. The prohibitions of this Paragraph 3.05 will survive final payment, or termination of the Contract. Nothing herein shall preclude Contractor from retaining copies of the Contract Documents for record purposes.

ARTICLE 4 – COMMENCEMENT AND PROGRESS OF THE WORK

4.01 *Commencement of Contract Times; Notice to Proceed*

- A. The Contract Times will commence to run on the thirtieth day after the Effective Date of the Contract or, if a Notice to Proceed is given, on the day indicated in the Notice to Proceed. A Notice to Proceed may be given at any time within 30 days after the Effective Date of the

~~Contract. In no event will the Contract Times commence to run later than the sixtieth day after the day of Bid opening or the thirtieth day after the Effective Date of the Contract, whichever date is earlier.~~

4.02 *Starting the Work*

- A. Contractor shall start to perform the Work on the date when the Contract Times commence to run. No Work shall be done at the Site prior to such date.

4.03 *Reference Points*

- A. Owner shall provide engineering surveys to establish reference points for construction which in Engineer's judgment are necessary to enable Contractor to proceed with the Work. Contractor shall be responsible for laying out the Work, shall protect and preserve the established reference points and property monuments, and shall make no changes or relocations without the prior written approval of Owner. Contractor shall report to Engineer whenever any reference point or property monument is lost or destroyed or requires relocation because of necessary changes in grades or locations, and shall be responsible for the accurate replacement or relocation of such reference points or property monuments by professionally qualified personnel.

4.04 *Progress Schedule*

- A. Contractor shall adhere to the Progress Schedule established in accordance with Paragraph 2.05 as it may be adjusted from time to time as provided below.
 - 1. Contractor shall submit to Engineer for acceptance (to the extent indicated in Paragraph 2.05) proposed adjustments in the Progress Schedule that will not result in changing the Contract Times.
 - 2. Proposed adjustments in the Progress Schedule that will change the Contract Times shall be submitted in accordance with the requirements of Article 11.
- B. Contractor shall carry on the Work and adhere to the Progress Schedule during all disputes or disagreements with Owner. No Work shall be delayed or postponed pending resolution of any disputes or disagreements, or during any appeal process, except as permitted by Paragraph 16.04, or as Owner and Contractor may otherwise agree in writing.

4.05 *Delays in Contractor's Progress*

- A. If Owner, Engineer, or anyone for whom Owner is responsible, delays, disrupts, or interferes with the performance or progress of the Work, then Contractor shall be entitled to an equitable adjustment in the Contract Times and Contract Price. Contractor's entitlement to an adjustment of the Contract Times is conditioned on such adjustment being essential to Contractor's ability to complete the Work within the Contract Times.
- B. Contractor shall not be entitled to an adjustment in Contract Price or Contract Times for delay, disruption, or interference caused by or within the control of Contractor. Delay, disruption, and interference attributable to and within the control of a Subcontractor or Supplier shall be deemed to be within the control of Contractor.
- C. If Contractor's performance or progress is delayed, disrupted, or interfered with by unanticipated causes not the fault of and beyond the control of Owner, Contractor, and those for which they are responsible, then Contractor shall be entitled to an equitable adjustment in Contract Times. Contractor's entitlement to an adjustment of the Contract Times is conditioned on such adjustment being essential to Contractor's ability to complete the Work within the Contract Times. Such an adjustment shall be Contractor's sole and exclusive remedy

for the delays, disruption, and interference described in this paragraph. Causes of delay, disruption, or interference that may give rise to an adjustment in Contract Times under this paragraph include but are not limited to the following:

1. severe and unavoidable natural catastrophes such as fires, floods, epidemics, and earthquakes;
 2. abnormal weather conditions;
 3. acts or failures to act of utility owners (other than those performing other work at or adjacent to the Site by arrangement with the Owner, as contemplated in Article 8); and
 4. acts of war or terrorism.
- D. Delays, disruption, and interference to the performance or progress of the Work resulting from the existence of a differing subsurface or physical condition, an Underground Facility that was not shown or indicated by the Contract Documents, or not shown or indicated with reasonable accuracy, and those resulting from Hazardous Environmental Conditions, are governed by Article 5.
- E. Paragraph 8.03 governs delays, disruption, and interference to the performance or progress of the Work resulting from the performance of certain other work at or adjacent to the Site.
- F. Contractor shall not be entitled to an adjustment in Contract Price or Contract Times for any delay, disruption, or interference if such delay is concurrent with a delay, disruption, or interference caused by or within the control of Contractor.
- G. Contractor must submit any Change Proposal seeking an adjustment in Contract Price or Contract Times under this paragraph within 30 days of the commencement of the delaying, disrupting, or interfering event.

ARTICLE 5 – AVAILABILITY OF LANDS; SUBSURFACE AND PHYSICAL CONDITIONS; HAZARDOUS ENVIRONMENTAL CONDITIONS

5.01 *Availability of Lands*

- A. Owner shall furnish the Site. Owner shall notify Contractor of any encumbrances or restrictions not of general application but specifically related to use of the Site with which Contractor must comply in performing the Work.
- B. Upon reasonable written request, Owner shall furnish Contractor with a current statement of record legal title and legal description of the lands upon which permanent improvements are to be made and Owner's interest therein as necessary for giving notice of or filing a mechanic's or construction lien against such lands in accordance with applicable Laws and Regulations.
- C. Contractor shall provide for all additional lands and access thereto that may be required for temporary construction facilities or storage of materials and equipment.

5.02 *Use of Site and Other Areas*

- A. Limitation on Use of Site and Other Areas:
 1. Contractor shall confine construction equipment, temporary construction facilities, the storage of materials and equipment, and the operations of workers to the Site, adjacent areas that Contractor has arranged to use through construction easements or otherwise, and other adjacent areas permitted by Laws and Regulations, and shall not unreasonably encumber the Site and such other adjacent areas with construction equipment or other materials or equipment. Contractor shall assume full responsibility for (a) damage to the

Site; (b) damage to any such other adjacent areas used for Contractor's operations; (c) damage to any other adjacent land or areas; and (d) for injuries and losses sustained by the owners or occupants of any such land or areas; provided that such damage or injuries result from the performance of the Work or from other actions or conduct of the Contractor or those for which Contractor is responsible.

2. If a damage or injury claim is made by the owner or occupant of any such land or area because of the performance of the Work, or because of other actions or conduct of the Contractor or those for which Contractor is responsible, Contractor shall (a) take immediate corrective or remedial action as required by Paragraph 7.12, or otherwise; (b) promptly attempt to settle the claim as to all parties through negotiations with such owner or occupant, or otherwise resolve the claim by meditation or other dispute resolution proceeding, or at law; and (c) to the fullest extent permitted by Laws and Regulations, indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them from and against any such claim, and against all costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or meditation or other dispute resolution costs) arising out of or relating to any claim or action, legal or equitable, brought by any such owner or occupant against Owner, Engineer, or any other party indemnified hereunder to the extent caused directly or indirectly, in whole or in part by, or based upon, Contractor's performance of the Work, or because of other actions or conduct of the Contractor or those for which Contractor is responsible.

- B. *Removal of Debris During Performance of the Work:* During the progress of the Work the Contractor shall keep the Site and other adjacent areas free from accumulations of waste materials, rubbish, and other debris. Removal and disposal of such waste materials, rubbish, and other debris shall conform to applicable Laws and Regulations.
- C. *Cleaning:* Prior to completion of the Work Contractor shall clean the Site and the Work and make it ready for utilization by Owner. At the completion of the Work Contractor shall remove from the Site and adjacent areas all tools, appliances, construction equipment and machinery, and surplus materials and shall restore to original condition all property not designated for alteration by the Contract Documents.
- D. *Loading of Structures:* Contractor shall not load nor permit any part of any structure to be loaded in any manner that will endanger the structure, nor shall Contractor subject any part of the Work or adjacent structures or land to stresses or pressures that will endanger them.

5.03 *Subsurface and Physical Conditions*

- A. *Reports and Drawings:* The Supplementary Conditions identify:
 1. those reports known to Owner of explorations and tests of subsurface conditions at or adjacent to the Site;
 2. those drawings known to Owner of physical conditions relating to existing surface or subsurface structures at the Site (except Underground Facilities); and
 3. Technical Data contained in such reports and drawings.
- B. *Reliance by Contractor on Technical Data Authorized:* Contractor may rely upon the accuracy of the Technical Data expressly identified in the Supplementary Conditions with respect to such reports and drawings, but such reports and drawings are not Contract Documents. If no such express identification has been made, then Contractor may rely upon the accuracy of the Technical Data (as defined in Article 1) contained in any geotechnical or environmental report

prepared for the Project and made available to Contractor. Except for such reliance on Technical Data, Contractor may not rely upon or make any claim against Owner or Engineer, or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors, with respect to:

1. the completeness of such reports and drawings for Contractor's purposes, including, but not limited to, any aspects of the means, methods, techniques, sequences, and procedures of construction to be employed by Contractor, and safety precautions and programs incident thereto; or
2. other data, interpretations, opinions, and information contained in such reports or shown or indicated in such drawings; or
3. any Contractor interpretation of or conclusion drawn from any Technical Data or any such other data, interpretations, opinions, or information.

5.04 *Differing Subsurface or Physical Conditions*

- A. *Notice by Contractor:* If Contractor believes that any subsurface or physical condition that is uncovered or revealed at the Site either:
1. is of such a nature as to establish that any Technical Data on which Contractor is entitled to rely as provided in Paragraph 5.03 is materially inaccurate; or
 2. is of such a nature as to require a change in the Drawings or Specifications; or
 3. differs materially from that shown or indicated in the Contract Documents; or
 4. is of an unusual nature, and differs materially from conditions ordinarily encountered and generally recognized as inherent in work of the character provided for in the Contract Documents;

then Contractor shall, promptly after becoming aware thereof and before further disturbing the subsurface or physical conditions or performing any Work in connection therewith (except in an emergency as required by Paragraph 7.15), notify Owner and Engineer in writing about such condition. Contractor shall not further disturb such condition or perform any Work in connection therewith (except with respect to an emergency) until receipt of a written statement permitting Contractor to do so.

- B. *Engineer's Review:* After receipt of written notice as required by the preceding paragraph, Engineer will promptly review the subsurface or physical condition in question; determine the necessity of Owner's obtaining additional exploration or tests with respect to the condition; conclude whether the condition falls within any one or more of the differing site condition categories in Paragraph 5.04.A above; obtain any pertinent cost or schedule information from Contractor; prepare recommendations to Owner regarding the Contractor's resumption of Work in connection with the subsurface or physical condition in question and the need for any change in the Drawings or Specifications; and advise Owner in writing of Engineer's findings, conclusions, and recommendations.
- C. *Owner's Statement to Contractor Regarding Site Condition:* After receipt of Engineer's written findings, conclusions, and recommendations, Owner shall issue a written statement to Contractor (with a copy to Engineer) regarding the subsurface or physical condition in question, addressing the resumption of Work in connection with such condition, indicating whether any change in the Drawings or Specifications will be made, and adopting or rejecting Engineer's written findings, conclusions, and recommendations, in whole or in part.
- D. Possible Price and Times Adjustments:

1. Contractor shall be entitled to an equitable adjustment in Contract Price or Contract Times, or both, to the extent that the existence of a differing subsurface or physical condition, or any related delay, disruption, or interference, causes an increase or decrease in Contractor's cost of, or time required for, performance of the Work; subject, however, to the following:
 - a. such condition must fall within any one or more of the categories described in Paragraph 5.04.A;
 - b. with respect to Work that is paid for on a unit price basis, any adjustment in Contract Price will be subject to the provisions of Paragraph 13.03; and,
 - c. Contractor's entitlement to an adjustment of the Contract Times is conditioned on such adjustment being essential to Contractor's ability to complete the Work within the Contract Times.
2. Contractor shall not be entitled to any adjustment in the Contract Price or Contract Times with respect to a subsurface or physical condition if:
 - a. Contractor knew of the existence of such condition at the time Contractor made a commitment to Owner with respect to Contract Price and Contract Times by the submission of a Bid or becoming bound under a negotiated contract, or otherwise; or
 - b. the existence of such condition reasonably could have been discovered or revealed as a result of any examination, investigation, exploration, test, or study of the Site and contiguous areas expressly required by the Bidding Requirements or Contract Documents to be conducted by or for Contractor prior to Contractor's making such commitment; or
 - c. Contractor failed to give the written notice as required by Paragraph 5.04.A.
3. If Owner and Contractor agree regarding Contractor's entitlement to and the amount or extent of any adjustment in the Contract Price or Contract Times, or both, then any such adjustment shall be set forth in a Change Order.
4. Contractor may submit a Change Proposal regarding its entitlement to or the amount or extent of any adjustment in the Contract Price or Contract Times, or both, no later than 30 days after Owner's issuance of the Owner's written statement to Contractor regarding the subsurface or physical condition in question.

5.05 *Underground Facilities*

- A. *Contractor's Responsibilities:* The information and data shown or indicated in the Contract Documents with respect to existing Underground Facilities at or adjacent to the Site is based on information and data furnished to Owner or Engineer by the owners of such Underground Facilities, including Owner, or by others. Unless it is otherwise expressly provided in the Supplementary Conditions:
 1. Owner and Engineer do not warrant or guarantee the accuracy or completeness of any such information or data provided by others; and
 2. The cost of all of the following will be included in the Contract Price, and Contractor shall have full responsibility for:
 - a. reviewing and checking all information and data regarding existing Underground Facilities at the Site;
 - b. locating all Underground Facilities shown or indicated in the Contract Documents as being at the Site;

- c. coordination of the Work with the owners (including Owner) of such Underground Facilities, during construction; and
 - d. the safety and protection of all existing Underground Facilities at the Site, and repairing any damage thereto resulting from the Work.
- B. *Notice by Contractor:* If Contractor believes that an Underground Facility that is uncovered or revealed at the Site was not shown or indicated in the Contract Documents, or was not shown or indicated with reasonable accuracy, then Contractor shall, promptly after becoming aware thereof and before further disturbing conditions affected thereby or performing any Work in connection therewith (except in an emergency as required by Paragraph 7.15), identify the owner of such Underground Facility and give written notice to that owner and to Owner and Engineer.
- C. *Engineer's Review:* Engineer will promptly review the Underground Facility and conclude whether such Underground Facility was not shown or indicated in the Contract Documents, or was not shown or indicated with reasonable accuracy; obtain any pertinent cost or schedule information from Contractor; prepare recommendations to Owner regarding the Contractor's resumption of Work in connection with the Underground Facility in question; determine the extent, if any, to which a change is required in the Drawings or Specifications to reflect and document the consequences of the existence or location of the Underground Facility; and advise Owner in writing of Engineer's findings, conclusions, and recommendations. During such time, Contractor shall be responsible for the safety and protection of such Underground Facility.
- D. *Owner's Statement to Contractor Regarding Underground Facility:* After receipt of Engineer's written findings, conclusions, and recommendations, Owner shall issue a written statement to Contractor (with a copy to Engineer) regarding the Underground Facility in question, addressing the resumption of Work in connection with such Underground Facility, indicating whether any change in the Drawings or Specifications will be made, and adopting or rejecting Engineer's written findings, conclusions, and recommendations in whole or in part.
- E. Possible Price and Times Adjustments:
 - 1. Contractor shall be entitled to an equitable adjustment in the Contract Price or Contract Times, or both, to the extent that any existing Underground Facility at the Site that was not shown or indicated in the Contract Documents, or was not shown or indicated with reasonable accuracy, or any related delay, disruption, or interference, causes an increase or decrease in Contractor's cost of, or time required for, performance of the Work; subject, however, to the following:
 - a. Contractor did not know of and could not reasonably have been expected to be aware of or to have anticipated the existence or actual location of the Underground Facility in question;
 - b. With respect to Work that is paid for on a unit price basis, any adjustment in Contract Price will be subject to the provisions of Paragraph 13.03;
 - c. Contractor's entitlement to an adjustment of the Contract Times is conditioned on such adjustment being essential to Contractor's ability to complete the Work within the Contract Times; and
 - d. Contractor gave the notice required in Paragraph 5.05.B.

2. If Owner and Contractor agree regarding Contractor's entitlement to and the amount or extent of any adjustment in the Contract Price or Contract Times, or both, then any such adjustment shall be set forth in a Change Order.
3. Contractor may submit a Change Proposal regarding its entitlement to or the amount or extent of any adjustment in the Contract Price or Contract Times, or both, no later than 30 days after Owner's issuance of the Owner's written statement to Contractor regarding the Underground Facility in question.

5.06 — ~~Hazardous Environmental Conditions at Site~~

~~A. — Reports and Drawings: The Supplementary Conditions identify:~~

- ~~1. — those reports and drawings known to Owner relating to Hazardous Environmental Conditions that have been identified at or adjacent to the Site; and~~
- ~~2. — Technical Data contained in such reports and drawings.~~

~~B. — Reliance by Contractor on Technical Data Authorized: Contractor may rely upon the accuracy of the Technical Data expressly identified in the Supplementary Conditions with respect to such reports and drawings, but such reports and drawings are not Contract Documents. If no such express identification has been made, then Contractor may rely on the accuracy of the Technical Data (as defined in Article 1) contained in any geotechnical or environmental report prepared for the Project and made available to Contractor. Except for such reliance on Technical Data, Contractor may not rely upon or make any claim against Owner or Engineer, or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors with respect to:~~

- ~~1. — the completeness of such reports and drawings for Contractor's purposes, including, but not limited to, any aspects of the means, methods, techniques, sequences and procedures of construction to be employed by Contractor and safety precautions and programs incident thereto; or~~
- ~~2. — other data, interpretations, opinions and information contained in such reports or shown or indicated in such drawings; or~~
- ~~3. — any Contractor interpretation of or conclusion drawn from any Technical Data or any such other data, interpretations, opinions or information.~~

~~C. — Contractor shall not be responsible for removing or remediating any Hazardous Environmental Condition encountered, uncovered, or revealed at the Site unless such removal or remediation is expressly identified in the Contract Documents to be within the scope of the Work.~~

~~D. — Contractor shall be responsible for controlling, containing, and duly removing all Constituents of Concern brought to the Site by Contractor, Subcontractors, Suppliers, or anyone else for whom Contractor is responsible, and for any associated costs; and for the costs of removing and remediating any Hazardous Environmental Condition created by the presence of any such Constituents of Concern.~~

~~E. — If Contractor encounters, uncovers, or reveals a Hazardous Environmental Condition whose removal or remediation is not expressly identified in the Contract Documents as being within the scope of the Work, or if Contractor or anyone for whom Contractor is responsible creates a Hazardous Environmental Condition, then Contractor shall immediately: (1) secure or otherwise isolate such condition; (2) stop all Work in connection with such condition and in any area affected thereby (except in an emergency as required by Paragraph 7.15); and (3) notify Owner and Engineer (and promptly thereafter confirm such notice in writing). Owner shall promptly consult with Engineer concerning the necessity for Owner to retain a qualified~~

~~expert to evaluate such condition or take corrective action, if any. Promptly after consulting with Engineer, Owner shall take such actions as are necessary to permit Owner to timely obtain required permits and provide Contractor the written notice required by Paragraph 5.06.F. If Contractor or anyone for whom Contractor is responsible created the Hazardous Environmental Condition in question, then Owner may remove and remediate the Hazardous Environmental Condition, and impose a set-off against payments to account for the associated costs.~~

- ~~F.— Contractor shall not resume Work in connection with such Hazardous Environmental Condition or in any affected area until after Owner has obtained any required permits related thereto, and delivered written notice to Contractor either (1) specifying that such condition and any affected area is or has been rendered safe for the resumption of Work, or (2) specifying any special conditions under which such Work may be resumed safely.~~
- ~~G.— If Owner and Contractor cannot agree as to entitlement to or on the amount or extent, if any, of any adjustment in Contract Price or Contract Times, or both, as a result of such Work stoppage or such special conditions under which Work is agreed to be resumed by Contractor, then within 30 days of Owner's written notice regarding the resumption of Work, Contractor may submit a Change Proposal, or Owner may impose a set-off.~~
- ~~H.— If after receipt of such written notice Contractor does not agree to resume such Work based on a reasonable belief it is unsafe, or does not agree to resume such Work under such special conditions, then Owner may order the portion of the Work that is in the area affected by such condition to be deleted from the Work, following the contractual change procedures in Article 11. Owner may have such deleted portion of the Work performed by Owner's own forces or others in accordance with Article 8.~~
- ~~I.— To the fullest extent permitted by Laws and Regulations, Owner shall indemnify and hold harmless Contractor, Subcontractors, and Engineer, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or mediation or other dispute resolution costs) arising out of or relating to a Hazardous Environmental Condition, provided that such Hazardous Environmental Condition (1) was not shown or indicated in the Drawings, Specifications, or other Contract Documents, identified as Technical Data entitled to limited reliance pursuant to Paragraph 5.06.B, or identified in the Contract Documents to be included within the scope of the Work, and (2) was not created by Contractor or by anyone for whom Contractor is responsible. Nothing in this Paragraph 5.06.I shall obligate Owner to indemnify any individual or entity from and against the consequences of that individual's or entity's own negligence.~~
- ~~J.— To the fullest extent permitted by Laws and Regulations, Contractor shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or mediation or other dispute resolution costs) arising out of or relating to the failure to control, contain, or remove a Constituent of Concern brought to the Site by Contractor or by anyone for whom Contractor is responsible, or to a Hazardous Environmental Condition created by Contractor or by anyone for whom Contractor is responsible. Nothing in this Paragraph 5.06.J shall obligate Contractor to indemnify any individual or entity from and against the consequences of that individual's or entity's own negligence.~~

~~K. The provisions of Paragraphs 5.03, 5.04, and 5.05 do not apply to the presence of Constituents of Concern or to a Hazardous Environmental Condition uncovered or revealed at the Site.~~

ARTICLE 6 – BONDS AND INSURANCE

6.01 Insurance—General Provisions

- A. Owner and Contractor shall obtain and maintain insurance as required in this Article and in the Supplementary Conditions.
- B. All insurance required by the Contract to be purchased and maintained by Owner or Contractor shall be obtained from insurance companies that are duly licensed or authorized, in the state or jurisdiction in which the Project is located, to issue insurance policies for the required limits and coverages. Unless a different standard is indicated in the Supplementary Conditions, all companies that provide insurance policies required under this Contract shall have an A.M. Best rating of A-VII or better.
- C. Contractor shall deliver to Owner, with copies to each named insured and additional insured (as identified in this Article, in the Supplementary Conditions, or elsewhere in the Contract), certificates of insurance establishing that Contractor has obtained and is maintaining the policies, coverages, and endorsements required by the Contract. Upon request by Owner or any other insured, Contractor shall also furnish other evidence of such required insurance, including but not limited to copies of policies and endorsements, and documentation of applicable self-insured retentions and deductibles. Contractor may block out (redact) any confidential premium or pricing information contained in any policy or endorsement furnished under this provision.
- D. Owner shall deliver to Contractor, with copies to each named insured and additional insured (as identified in this Article, the Supplementary Conditions, or elsewhere in the Contract), certificates of insurance establishing that Owner has obtained and is maintaining the policies, coverages, and endorsements required of Owner by the Contract (if any). Upon request by Contractor or any other insured, Owner shall also provide other evidence of such required insurance (if any), including but not limited to copies of policies and endorsements, and documentation of applicable self-insured retentions and deductibles. Owner may block out (redact) any confidential premium or pricing information contained in any policy or endorsement furnished under this provision.
- E. Failure of Owner or Contractor to demand such certificates or other evidence of the other party's full compliance with these insurance requirements, or failure of Owner or Contractor to identify a deficiency in compliance from the evidence provided, shall not be construed as a waiver of the other party's obligation to obtain and maintain such insurance.
- F. If either party does not purchase or maintain all of the insurance required of such party by the Contract, such party shall notify the other party in writing of such failure to purchase prior to the start of the Work, or of such failure to maintain prior to any change in the required coverage.
- G. If Contractor has failed to obtain and maintain required insurance, Owner may exclude the Contractor from the Site, impose an appropriate set-off against payment, and exercise Owner's termination rights under Article 16.
- H. Without prejudice to any other right or remedy, if a party has failed to obtain required insurance, the other party may elect to obtain equivalent insurance to protect such other party's interests at the expense of the party who was required to provide such coverage, and the Contract Price shall be adjusted accordingly.

- I. Owner does not represent that insurance coverage and limits established in this Contract necessarily will be adequate to protect Contractor or Contractor's interests.
- J. The insurance and insurance limits required herein shall not be deemed as a limitation on Contractor's liability under the indemnities granted to Owner and other individuals and entities in the Contract.

6.02 *Contractor's Insurance*

- A. *Workers' Compensation*: Contractor shall purchase and maintain workers' compensation and employer's liability insurance for:
 1. claims under workers' compensation, disability benefits, and other similar employee benefit acts.
 2. United States Longshoreman and Harbor Workers' Compensation Act and Jones Act coverage (if applicable).
 3. claims for damages because of bodily injury, occupational sickness or disease, or death of Contractor's employees (by stop-gap endorsement in monopolist worker's compensation states).
 4. Foreign voluntary worker compensation (if applicable).
- B. *Commercial General Liability—Claims Covered*: Contractor shall purchase and maintain commercial general liability insurance, covering all operations by or on behalf of Contractor, on an occurrence basis, against:
 1. claims for damages because of bodily injury, sickness or disease, or death of any person other than Contractor's employees.
 2. claims for damages insured by reasonably available personal injury liability coverage.
 3. claims for damages, other than to the Work itself, because of injury to or destruction of tangible property wherever located, including loss of use resulting therefrom.
- C. *Commercial General Liability—Form and Content*: Contractor's commercial liability policy shall be written on a 1996 (or later) ISO commercial general liability form (occurrence form) and include the following coverages and endorsements:
 1. Products and completed operations coverage:
 - a. Such insurance shall be maintained for three years after final payment.
 - b. Contractor shall furnish Owner and each other additional insured (as identified in the Supplementary Conditions or elsewhere in the Contract) evidence of continuation of such insurance at final payment and three years thereafter.
 2. Blanket contractual liability coverage, to the extent permitted by law, including but not limited to coverage of Contractor's contractual indemnity obligations in Paragraph 7.18.
 3. Broad form property damage coverage.
 4. Severability of interest.
 5. Underground, explosion, and collapse coverage.
 6. Personal injury coverage.
 7. Additional insured endorsements that include both ongoing operations and products and completed operations coverage through ISO Endorsements CG 20 10 10 01 and CG 20 37 10 01 (together); or CG 20 10 07 04 and CG 20 37 07 04 (together); or their equivalent.

8. For design professional additional insureds, ISO Endorsement CG 20 32 07 04, "Additional Insured—Engineers, Architects or Surveyors Not Engaged by the Named Insured" or its equivalent.
- D. *Automobile liability*: Contractor shall purchase and maintain automobile liability insurance against claims for damages because of bodily injury or death of any person or property damage arising out of the ownership, maintenance, or use of any motor vehicle. The automobile liability policy shall be written on an occurrence basis.
- E. *Umbrella or excess liability*: Contractor shall purchase and maintain umbrella or excess liability insurance written over the underlying employer's liability, commercial general liability, and automobile liability insurance described in the paragraphs above. Subject to industry-standard exclusions, the coverage afforded shall follow form as to each and every one of the underlying policies.
- F. ~~*Contractor's pollution liability insurance*: Contractor shall purchase and maintain a policy covering third-party injury and property damage claims, including clean-up costs, as a result of pollution conditions arising from Contractor's operations and completed operations. This insurance shall be maintained for no less than three years after final completion.~~
- G. *Additional insureds*: The Contractor's commercial general liability, automobile liability, umbrella or excess, and pollution liability policies shall include and list as additional insureds Owner and Engineer, and any individuals or entities identified in the Supplementary Conditions; include coverage for the respective officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of all such additional insureds; and the insurance afforded to these additional insureds shall provide primary coverage for all claims covered thereby (including as applicable those arising from both ongoing and completed operations) on a non-contributory basis. Contractor shall obtain all necessary endorsements to support these requirements.
- H. *Contractor's professional liability insurance*: If Contractor will provide or furnish professional services under this Contract, through a delegation of professional design services or otherwise, then Contractor shall be responsible for purchasing and maintaining applicable professional liability insurance. This insurance shall provide protection against claims arising out of performance of professional design or related services, and caused by a negligent error, omission, or act for which the insured party is legally liable. It shall be maintained throughout the duration of the Contract and for a minimum of two years after work completion. If such professional design services are performed by a Subcontractor, and not by Contractor itself, then the requirements of this paragraph may be satisfied through the purchasing and maintenance of such insurance by such Subcontractor.
- I. *General provisions*: The policies of insurance required by this Paragraph 6.03 shall:
 1. include at least the specific coverages provided in this Article.
 2. be written for not less than the limits of liability provided in this Article and in the Supplementary Conditions, or required by Laws or Regulations, whichever is greater.
 3. contain a provision or endorsement that the coverage afforded will not be canceled, materially changed, or renewal refused until at least 10 days prior written notice has been given to Contractor. Within three days of receipt of any such written notice, Contractor shall provide a copy of the notice to Owner, Engineer, and each other insured under the policy.
 4. remain in effect at least until final payment (and longer if expressly required in this Article) and at all times thereafter when Contractor may be correcting, removing, or replacing

defective Work as a warranty or correction obligation, or otherwise, or returning to the Site to conduct other tasks arising from the Contract Documents.

5. be appropriate for the Work being performed and provide protection from claims that may arise out of or result from Contractor's performance of the Work and Contractor's other obligations under the Contract Documents, whether it is to be performed by Contractor, any Subcontractor or Supplier, or by anyone directly or indirectly employed by any of them to perform any of the Work, or by anyone for whose acts any of them may be liable.
- J. The coverage requirements for specific policies of insurance must be met by such policies, and not by reference to excess or umbrella insurance provided in other policies.

6.03 *Owner's Liability Insurance*

- A. In addition to the insurance required to be provided by Contractor under Paragraph 6.03, Owner, at Owner's option, may purchase and maintain at Owner's expense Owner's own liability insurance as will protect Owner against claims which may arise from operations under the Contract Documents.
- B. Owner's liability policies, if any, operate separately and independently from policies required to be provided by Contractor, and Contractor cannot rely upon Owner's liability policies for any of Contractor's obligations to the Owner, Engineer, or third parties.

6.04 *Property Insurance*

- A. *Builder's Risk*: Unless otherwise provided in the Supplementary Conditions, Contractor shall purchase and maintain builder's risk insurance upon the Work on a completed value basis, in the amount of the full insurable replacement cost thereof (subject to such deductible amounts as may be provided in the Supplementary Conditions or required by Laws and Regulations). This insurance shall:
 1. include the Owner and Contractor as named insureds, and all Subcontractors, and any individuals or entities required by the Supplementary Conditions to be insured under such builder's risk policy, as insureds or named insureds. For purposes of the remainder of this Paragraph 6.05, Paragraphs 6.06 and 6.07, and any corresponding Supplementary Conditions, the parties required to be insured shall collectively be referred to as "insureds."
 2. be written on a builder's risk "all risk" policy form that shall at least include insurance for physical loss or damage to the Work, temporary buildings, falsework, and materials and equipment in transit, and shall insure against at least the following perils or causes of loss: fire; lightning; windstorm; riot; civil commotion; terrorism; vehicle impact; aircraft; smoke; theft; vandalism and malicious mischief; mechanical breakdown, boiler explosion, and artificially generated electric current; earthquake; volcanic activity, and other earth movement; flood; collapse; explosion; debris removal; demolition occasioned by enforcement of Laws and Regulations; water damage (other than that caused by flood); and such other perils or causes of loss as may be specifically required by the Supplementary Conditions. If insurance against mechanical breakdown, boiler explosion, and artificially generated electric current; earthquake; volcanic activity, and other earth movement; or flood, are not commercially available under builder's risk policies, by endorsement or otherwise, such insurance may be provided through other insurance policies acceptable to Owner and Contractor.
 3. cover, as insured property, at least the following: (a) the Work and all materials, supplies, machinery, apparatus, equipment, fixtures, and other property of a similar nature that are to be incorporated into or used in the preparation, fabrication, construction, erection, or completion of the Work, including Owner-furnished or assigned property; (b) spare parts

inventory required within the scope of the Contract; and (c) temporary works which are not intended to form part of the permanent constructed Work but which are intended to provide working access to the Site, or to the Work under construction, or which are intended to provide temporary support for the Work under construction, including scaffolding, form work, fences, shoring, falsework, and temporary structures.

4. cover expenses incurred in the repair or replacement of any insured property (including but not limited to fees and charges of engineers and architects).
 5. extend to cover damage or loss to insured property while in temporary storage at the Site or in a storage location outside the Site (but not including property stored at the premises of a manufacturer or Supplier).
 6. extend to cover damage or loss to insured property while in transit.
 7. allow for partial occupation or use of the Work by Owner, such that those portions of the Work that are not yet occupied or used by Owner shall remain covered by the builder's risk insurance.
 8. allow for the waiver of the insurer's subrogation rights, as set forth below.
 9. provide primary coverage for all losses and damages caused by the perils or causes of loss covered.
 10. not include a co-insurance clause.
 11. include an exception for ensuing losses from physical damage or loss with respect to any defective workmanship, design, or materials exclusions.
 12. include performance/hot testing and start-up.
 13. be maintained in effect, subject to the provisions herein regarding completion and partial occupancy or use of the Work by Owner, until the Work is complete.
- B. *Notice of Cancellation or Change:* All the policies of insurance (and the certificates or other evidence thereof) required to be purchased and maintained in accordance with this Paragraph 6.05 will contain a provision or endorsement that the coverage afforded will not be canceled or materially changed or renewal refused until at least 10 days prior written notice has been given to the purchasing policyholder. Within three days of receipt of any such written notice, the purchasing policyholder shall provide a copy of the notice to each other insured.
- C. *Deductibles:* The purchaser of any required builder's risk or property insurance shall pay for costs not covered because of the application of a policy deductible.
- D. *Partial Occupancy or Use by Owner:* If Owner will occupy or use a portion or portions of the Work prior to completion of all the Work as provided in Paragraph 15.04, then Owner (directly, if it is the purchaser of the builder's risk policy, or through Contractor) will provide notice of such occupancy or use to the builder's risk insurer. The builder's risk insurance shall not be canceled or permitted to lapse on account of any such partial use or occupancy; rather, those portions of the Work that are occupied or used by Owner may come off the builder's risk policy, while those portions of the Work not yet occupied or used by Owner shall remain covered by the builder's risk insurance.
- E. *Additional Insurance:* If Contractor elects to obtain other special insurance to be included in or supplement the builder's risk or property insurance policies provided under this Paragraph 6.05, it may do so at Contractor's expense.
- F. *Insurance of Other Property:* If the express insurance provisions of the Contract do not require or address the insurance of a property item or interest, such as tools, construction equipment,

or other personal property owned by Contractor, a Subcontractor, or an employee of Contractor or a Subcontractor, then the entity or individual owning such property item will be responsible for deciding whether to insure it, and if so in what amount.

6.05 *Waiver of Rights*

- A. All policies purchased in accordance with Paragraph 6.05, expressly including the builder's risk policy, shall contain provisions to the effect that in the event of payment of any loss or damage the insurers will have no rights of recovery against any insureds thereunder, or against Engineer or its consultants, or their officers, directors, members, partners, employees, agents, consultants, or subcontractors. Owner and Contractor waive all rights against each other and the respective officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, for all losses and damages caused by, arising out of, or resulting from any of the perils or causes of loss covered by such policies and any other property insurance applicable to the Work; and, in addition, waive all such rights against Engineer, its consultants, all Subcontractors, all individuals or entities identified in the Supplementary Conditions as insureds, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, under such policies for losses and damages so caused. None of the above waivers shall extend to the rights that any party making such waiver may have to the proceeds of insurance held by Owner or Contractor as trustee or fiduciary, or otherwise payable under any policy so issued.
- B. Owner waives all rights against Contractor, Subcontractors, and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them, for:
 - 1. loss due to business interruption, loss of use, or other consequential loss extending beyond direct physical loss or damage to Owner's property or the Work caused by, arising out of, or resulting from fire or other perils whether or not insured by Owner; and
 - 2. loss or damage to the completed Project or part thereof caused by, arising out of, or resulting from fire or other insured peril or cause of loss covered by any property insurance maintained on the completed Project or part thereof by Owner during partial occupancy or use pursuant to Paragraph 15.04, after completion pursuant to Paragraph 15.03, or after final payment pursuant to Paragraph 15.06.
- C. Any insurance policy maintained by Owner covering any loss, damage or consequential loss referred to in Paragraph 6.06.B shall contain provisions to the effect that in the event of payment of any such loss, damage, or consequential loss, the insurers will have no rights of recovery against Contractor, Subcontractors, or Engineer, or the officers, directors, members, partners, employees, agents, consultants, or subcontractors of each and any of them.
- D. Contractor shall be responsible for assuring that the agreement under which a Subcontractor performs a portion of the Work contains provisions whereby the Subcontractor waives all rights against Owner, Contractor, all individuals or entities identified in the Supplementary Conditions as insureds, the Engineer and its consultants, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, for all losses and damages caused by, arising out of, relating to, or resulting from any of the perils or causes of loss covered by builder's risk insurance and any other property insurance applicable to the Work.

6.06 *Receipt and Application of Property Insurance Proceeds*

- A. Any insured loss under the builder's risk and other policies of insurance required by Paragraph 6.05 will be adjusted and settled with the named insured that purchased the policy. Such

named insured shall act as fiduciary for the other insureds, and give notice to such other insureds that adjustment and settlement of a claim is in progress. Any other insured may state its position regarding a claim for insured loss in writing within 15 days after notice of such claim.

- B. Proceeds for such insured losses may be made payable by the insurer either jointly to multiple insureds, or to the named insured that purchased the policy in its own right and as fiduciary for other insureds, subject to the requirements of any applicable mortgage clause. A named insured receiving insurance proceeds under the builder's risk and other policies of insurance required by Paragraph 6.05 shall distribute such proceeds in accordance with such agreement as the parties in interest may reach, or as otherwise required under the dispute resolution provisions of this Contract or applicable Laws and Regulations.
- C. If no other special agreement is reached, the damaged Work shall be repaired or replaced, the money so received applied on account thereof, and the Work and the cost thereof covered by Change Order, if needed.

ARTICLE 7 – CONTRACTOR'S RESPONSIBILITIES

7.01 *Supervision and Superintendence*

- A. Contractor shall supervise, inspect, and direct the Work competently and efficiently, devoting such attention thereto and applying such skills and expertise as may be necessary to perform the Work in accordance with the Contract Documents. Contractor shall be solely responsible for the means, methods, techniques, sequences, and procedures of construction.
- B. At all times during the progress of the Work, Contractor shall assign a competent resident superintendent who shall not be replaced without written notice to Owner and Engineer except under extraordinary circumstances.

7.02 *Labor; Working Hours*

- A. Contractor shall provide competent, suitably qualified personnel to survey and lay out the Work and perform construction as required by the Contract Documents. Contractor shall at all times maintain good discipline and order at the Site.
- B. Except as otherwise required for the safety or protection of persons or the Work or property at the Site or adjacent thereto, and except as otherwise stated in the Contract Documents, all Work at the Site shall be performed during regular working hours, Monday through Friday. Contractor will not perform Work on a Saturday, Sunday, or any legal holiday. Contractor may perform Work outside regular working hours or on Saturdays, Sundays, or legal holidays only with Owner's written consent, which will not be unreasonably withheld.

7.03 *Services, Materials, and Equipment*

- A. Unless otherwise specified in the Contract Documents, Contractor shall provide and assume full responsibility for all services, materials, equipment, labor, transportation, construction equipment and machinery, tools, appliances, fuel, power, light, heat, telephone, water, sanitary facilities, temporary facilities, and all other facilities and incidentals necessary for the performance, testing, start up, and completion of the Work, whether or not such items are specifically called for in the Contract Documents.
- B. All materials and equipment incorporated into the Work shall be of good quality and new, except as otherwise provided in the Contract Documents. All special warranties and guarantees required by the Specifications shall expressly run to the benefit of Owner. If

required by Engineer, Contractor shall furnish satisfactory evidence (including reports of required tests) as to the source, kind, and quality of materials and equipment.

- C. All materials and equipment shall be stored, applied, installed, connected, erected, protected, used, cleaned, and conditioned in accordance with instructions of the applicable Supplier, except as otherwise may be provided in the Contract Documents.

7.04 "Or Equals"

- A. Whenever an item of material or equipment is specified or described in the Contract Documents by using the name of a proprietary item or the name of a particular Supplier, the Contract Price has been based upon Contractor furnishing such item as specified. The specification or description of such an item is intended to establish the type, function, appearance, and quality required. Unless the specification or description contains or is followed by words reading that no like, equivalent, or "or equal" item is permitted, Contractor may request that Engineer authorize the use of other items of material or equipment, or items from other proposed suppliers under the circumstances described below.
 - 1. If Engineer in its sole discretion determines that an item of material or equipment proposed by Contractor is functionally equal to that named and sufficiently similar so that no change in related Work will be required, Engineer shall deem it an "or equal" item. For the purposes of this paragraph, a proposed item of material or equipment will be considered functionally equal to an item so named if:
 - a. in the exercise of reasonable judgment Engineer determines that:
 - 1) it is at least equal in materials of construction, quality, durability, appearance, strength, and design characteristics;
 - 2) it will reliably perform at least equally well the function and achieve the results imposed by the design concept of the completed Project as a functioning whole;
 - 3) it has a proven record of performance and availability of responsive service; and
 - 4) it is not objectionable to Owner.
 - b. Contractor certifies that, if approved and incorporated into the Work:
 - 1) there will be no increase in cost to the Owner or increase in Contract Times; and
 - 2) it will conform substantially to the detailed requirements of the item named in the Contract Documents.
 - B. *Contractor's Expense:* Contractor shall provide all data in support of any proposed "or equal" item at Contractor's expense.
 - C. *Engineer's Evaluation and Determination:* Engineer will be allowed a reasonable time to evaluate each "or-equal" request. Engineer may require Contractor to furnish additional data about the proposed "or-equal" item. Engineer will be the sole judge of acceptability. No "or-equal" item will be ordered, furnished, installed, or utilized until Engineer's review is complete and Engineer determines that the proposed item is an "or-equal", which will be evidenced by an approved Shop Drawing or other written communication. Engineer will advise Contractor in writing of any negative determination.
 - D. *Effect of Engineer's Determination:* Neither approval nor denial of an "or-equal" request shall result in any change in Contract Price. The Engineer's denial of an "or-equal" request shall be final and binding, and may not be reversed through an appeal under any provision of the Contract Documents.

- E. *Treatment as a Substitution Request:* If Engineer determines that an item of material or equipment proposed by Contractor does not qualify as an “or-equal” item, Contractor may request that Engineer considered the proposed item as a substitute pursuant to Paragraph 7.05.

7.05 *Substitutes*

- A. Unless the specification or description of an item of material or equipment required to be furnished under the Contract Documents contains or is followed by words reading that no substitution is permitted, Contractor may request that Engineer authorize the use of other items of material or equipment under the circumstances described below. To the extent possible such requests shall be made before commencement of related construction at the Site.
 - 1. Contractor shall submit sufficient information as provided below to allow Engineer to determine if the item of material or equipment proposed is functionally equivalent to that named and an acceptable substitute therefor. Engineer will not accept requests for review of proposed substitute items of material or equipment from anyone other than Contractor.
 - 2. The requirements for review by Engineer will be as set forth in Paragraph 7.05.B, as supplemented by the Specifications, and as Engineer may decide is appropriate under the circumstances.
 - 3. Contractor shall make written application to Engineer for review of a proposed substitute item of material or equipment that Contractor seeks to furnish or use. The application:
 - a. shall certify that the proposed substitute item will:
 - 1) perform adequately the functions and achieve the results called for by the general design,
 - 2) be similar in substance to that specified, and
 - 3) be suited to the same use as that specified.
 - b. will state:
 - 1) the extent, if any, to which the use of the proposed substitute item will necessitate a change in Contract Times,
 - 2) whether use of the proposed substitute item in the Work will require a change in any of the Contract Documents (or in the provisions of any other direct contract with Owner for other work on the Project) to adapt the design to the proposed substitute item, and
 - 3) whether incorporation or use of the proposed substitute item in connection with the Work is subject to payment of any license fee or royalty.
 - c. will identify:
 - 1) all variations of the proposed substitute item from that specified, and
 - 2) available engineering, sales, maintenance, repair, and replacement services.
 - d. shall contain an itemized estimate of all costs or credits that will result directly or indirectly from use of such substitute item, including but not limited to changes in Contract Price, shared savings, costs of redesign, and claims of other contractors affected by any resulting change.

- B. *Engineer's Evaluation and Determination:* Engineer will be allowed a reasonable time to evaluate each substitute request, and to obtain comments and direction from Owner. Engineer may require Contractor to furnish additional data about the proposed substitute item. Engineer will be the sole judge of acceptability. No substitute will be ordered, furnished, installed, or utilized until Engineer's review is complete and Engineer determines that the proposed item is an acceptable substitute. Engineer's determination will be evidenced by a Field Order or a proposed Change Order accounting for the substitution itself and all related impacts, including changes in Contract Price or Contract Times. Engineer will advise Contractor in writing of any negative determination.
- C. *Special Guarantee:* Owner may require Contractor to furnish at Contractor's expense a special performance guarantee or other surety with respect to any substitute.
- D. *Reimbursement of Engineer's Cost:* Engineer will record Engineer's costs in evaluating a substitute proposed or submitted by Contractor. Whether or not Engineer approves a substitute so proposed or submitted by Contractor, Contractor shall reimburse Owner for the reasonable charges of Engineer for evaluating each such proposed substitute. Contractor shall also reimburse Owner for the reasonable charges of Engineer for making changes in the Contract Documents (or in the provisions of any other direct contract with Owner) resulting from the acceptance of each proposed substitute.
- E. *Contractor's Expense:* Contractor shall provide all data in support of any proposed substitute at Contractor's expense.
- F. *Effect of Engineer's Determination:* If Engineer approves the substitution request, Contractor shall execute the proposed Change Order and proceed with the substitution. The Engineer's denial of a substitution request shall be final and binding, and may not be reversed through an appeal under any provision of the Contract Documents. Contractor may challenge the scope of reimbursement costs imposed under Paragraph 7.05.D, by timely submittal of a Change Proposal.

7.06 *Concerning Subcontractors, Suppliers, and Others*

- A. Contractor may retain Subcontractors and Suppliers for the performance of parts of the Work. Such Subcontractors and Suppliers must be acceptable to Owner.
- B. Contractor shall retain specific Subcontractors, Suppliers, or other individuals or entities for the performance of designated parts of the Work if required by the Contract to do so.
- C. Subsequent to the submittal of Contractor's Bid or final negotiation of the terms of the Contract, Owner may not require Contractor to retain any Subcontractor, Supplier, or other individual or entity to furnish or perform any of the Work against which Contractor has reasonable objection.
- D. Prior to entry into any binding subcontract or purchase order, Contractor shall submit to Owner the identity of the proposed Subcontractor or Supplier (unless Owner has already deemed such proposed Subcontractor or Supplier acceptable, during the bidding process or otherwise). Such proposed Subcontractor or Supplier shall be deemed acceptable to Owner unless Owner raises a substantive, reasonable objection within five days.
- E. Owner may require the replacement of any Subcontractor, Supplier, or other individual or entity retained by Contractor to perform any part of the Work. Owner also may require Contractor to retain specific replacements; provided, however, that Owner may not require a replacement to which Contractor has a reasonable objection. If Contractor has submitted the identity of certain Subcontractors, Suppliers, or other individuals or entities for acceptance by Owner, and Owner has accepted it (either in writing or by failing to make written objection

thereto), then Owner may subsequently revoke the acceptance of any such Subcontractor, Supplier, or other individual or entity so identified solely on the basis of substantive, reasonable objection after due investigation. Contractor shall submit an acceptable replacement for the rejected Subcontractor, Supplier, or other individual or entity.

- F. If Owner requires the replacement of any Subcontractor, Supplier, or other individual or entity retained by Contractor to perform any part of the Work, then Contractor shall be entitled to an adjustment in Contract Price or Contract Times, or both, with respect to the replacement; and Contractor shall initiate a Change Proposal for such adjustment within 30 days of Owner's requirement of replacement.
- G. No acceptance by Owner of any such Subcontractor, Supplier, or other individual or entity, whether initially or as a replacement, shall constitute a waiver of the right of Owner to the completion of the Work in accordance with the Contract Documents.
- H. On a monthly basis Contractor shall submit to Engineer a complete list of all Subcontractors and Suppliers having a direct contract with Contractor, and of all other Subcontractors and Suppliers known to Contractor at the time of submittal.
- I. Contractor shall be fully responsible to Owner and Engineer for all acts and omissions of the Subcontractors, Suppliers, and other individuals or entities performing or furnishing any of the Work just as Contractor is responsible for Contractor's own acts and omissions.
- J. Contractor shall be solely responsible for scheduling and coordinating the work of Subcontractors, Suppliers, and all other individuals or entities performing or furnishing any of the Work.
- K. Contractor shall restrict all Subcontractors, Suppliers, and such other individuals or entities performing or furnishing any of the Work from communicating with Engineer or Owner, except through Contractor or in case of an emergency, or as otherwise expressly allowed herein.
- L. The divisions and sections of the Specifications and the identifications of any Drawings shall not control Contractor in dividing the Work among Subcontractors or Suppliers or delineating the Work to be performed by any specific trade.
- M. All Work performed for Contractor by a Subcontractor or Supplier shall be pursuant to an appropriate contractual agreement that specifically binds the Subcontractor or Supplier to the applicable terms and conditions of the Contract Documents for the benefit of Owner and Engineer.
- N. Owner may furnish to any Subcontractor or Supplier, to the extent practicable, information about amounts paid to Contractor on account of Work performed for Contractor by the particular Subcontractor or Supplier.
- O. Nothing in the Contract Documents:
 - 1. shall create for the benefit of any such Subcontractor, Supplier, or other individual or entity any contractual relationship between Owner or Engineer and any such Subcontractor, Supplier, or other individual or entity; nor
 - 2. shall create any obligation on the part of Owner or Engineer to pay or to see to the payment of any money due any such Subcontractor, Supplier, or other individual or entity except as may otherwise be required by Laws and Regulations.

7.07 *Patent Fees and Royalties*

- A. Contractor shall pay all license fees and royalties and assume all costs incident to the use in the performance of the Work or the incorporation in the Work of any invention, design, process, product, or device which is the subject of patent rights or copyrights held by others. If a particular invention, design, process, product, or device is specified in the Contract Documents for use in the performance of the Work and if, to the actual knowledge of Owner or Engineer, its use is subject to patent rights or copyrights calling for the payment of any license fee or royalty to others, the existence of such rights shall be disclosed by Owner in the Contract Documents.
- B. To the fullest extent permitted by Laws and Regulations, Owner shall indemnify and hold harmless Contractor, and its officers, directors, members, partners, employees, agents, consultants, and subcontractors from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals, and all court or mediation or other dispute resolution costs) arising out of or relating to any infringement of patent rights or copyrights incident to the use in the performance of the Work or resulting from the incorporation in the Work of any invention, design, process, product, or device specified in the Contract Documents, but not identified as being subject to payment of any license fee or royalty to others required by patent rights or copyrights.
- C. To the fullest extent permitted by Laws and Regulations, Contractor shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or mediation or other dispute resolution costs) arising out of or relating to any infringement of patent rights or copyrights incident to the use in the performance of the Work or resulting from the incorporation in the Work of any invention, design, process, product, or device not specified in the Contract Documents.

7.08 *Permits*

- A. Unless otherwise provided in the Contract Documents, Contractor shall obtain and pay for all construction permits and licenses. Owner shall assist Contractor, when necessary, in obtaining such permits and licenses. Contractor shall pay all governmental charges and inspection fees necessary for the prosecution of the Work which are applicable at the time of the submission of Contractor's Bid (or when Contractor became bound under a negotiated contract). Owner shall pay all charges of utility owners for connections for providing permanent service to the Work

7.09 *Taxes*

- A. Contractor shall pay all sales, consumer, use, and other similar taxes required to be paid by Contractor in accordance with the Laws and Regulations of the place of the Project which are applicable during the performance of the Work.

7.10 *Laws and Regulations*

- A. Contractor shall give all notices required by and shall comply with all Laws and Regulations applicable to the performance of the Work. Except where otherwise expressly required by applicable Laws and Regulations, neither Owner nor Engineer shall be responsible for monitoring Contractor's compliance with any Laws or Regulations.
- B. If Contractor performs any Work or takes any other action knowing or having reason to know that it is contrary to Laws or Regulations, Contractor shall bear all resulting costs and losses,

and shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or mediation or other dispute resolution costs) arising out of or relating to such Work or other action. It shall not be Contractor's responsibility to make certain that the Work described in the Contract Documents is in accordance with Laws and Regulations, but this shall not relieve Contractor of Contractor's obligations under Paragraph 3.03.

- C. Owner or Contractor may give notice to the other party of any changes after the submission of Contractor's Bid (or after the date when Contractor became bound under a negotiated contract) in Laws or Regulations having an effect on the cost or time of performance of the Work, including but not limited to changes in Laws or Regulations having an effect on procuring permits and on sales, use, value-added, consumption, and other similar taxes. If Owner and Contractor are unable to agree on entitlement to or on the amount or extent, if any, of any adjustment in Contract Price or Contract Times resulting from such changes, then within 30 days of such notice Contractor may submit a Change Proposal, or Owner may initiate a Claim.

7.11 *Record Documents*

- A. Contractor shall maintain in a safe place at the Site one printed record copy of all Drawings, Specifications, Addenda, Change Orders, Work Change Directives, Field Orders, written interpretations and clarifications, and approved Shop Drawings. Contractor shall keep such record documents in good order and annotate them to show changes made during construction. These record documents, together with all approved Samples, will be available to Engineer for reference. Upon completion of the Work, Contractor shall deliver these record documents to Engineer.

7.12 *Safety and Protection*

- A. Contractor shall be solely responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with the Work. Such responsibility does not relieve Subcontractors of their responsibility for the safety of persons or property in the performance of their work, nor for compliance with applicable safety Laws and Regulations. Contractor shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury, or loss to:
 - 1. all persons on the Site or who may be affected by the Work;
 - 2. all the Work and materials and equipment to be incorporated therein, whether in storage on or off the Site; and
 - 3. other property at the Site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures, other work in progress, utilities, and Underground Facilities not designated for removal, relocation, or replacement in the course of construction.
- B. Contractor shall comply with all applicable Laws and Regulations relating to the safety of persons or property, or to the protection of persons or property from damage, injury, or loss; and shall erect and maintain all necessary safeguards for such safety and protection. Contractor shall notify Owner; the owners of adjacent property, Underground Facilities, and other utilities; and other contractors and utility owners performing work at or adjacent to the Site, when prosecution of the Work may affect them, and shall cooperate with them in the protection, removal, relocation, and replacement of their property or work in progress.

- C. Contractor shall comply with the applicable requirements of Owner's safety programs, if any. The Supplementary Conditions identify any Owner's safety programs that are applicable to the Work.
- D. Contractor shall inform Owner and Engineer of the specific requirements of Contractor's safety program with which Owner's and Engineer's employees and representatives must comply while at the Site.
- E. All damage, injury, or loss to any property referred to in Paragraph 7.12.A.2 or 7.12.A.3 caused, directly or indirectly, in whole or in part, by Contractor, any Subcontractor, Supplier, or any other individual or entity directly or indirectly employed by any of them to perform any of the Work, or anyone for whose acts any of them may be liable, shall be remedied by Contractor at its expense (except damage or loss attributable to the fault of Drawings or Specifications or to the acts or omissions of Owner or Engineer or anyone employed by any of them, or anyone for whose acts any of them may be liable, and not attributable, directly or indirectly, in whole or in part, to the fault or negligence of Contractor or any Subcontractor, Supplier, or other individual or entity directly or indirectly employed by any of them).
- F. Contractor's duties and responsibilities for safety and protection shall continue until such time as all the Work is completed and Engineer has issued a notice to Owner and Contractor in accordance with Paragraph 15.06.B that the Work is acceptable (except as otherwise expressly provided in connection with completion).
- G. Contractor's duties and responsibilities for safety and protection shall resume whenever Contractor or any Subcontractor or Supplier returns to the Site to fulfill warranty or correction obligations, or to conduct other tasks arising from the Contract Documents.

7.13 *Safety Representative*

- A. Contractor shall designate a qualified and experienced safety representative at the Site whose duties and responsibilities shall be the prevention of accidents and the maintaining and supervising of safety precautions and programs.

7.14 *Hazard Communication Programs*

- A. Contractor shall be responsible for coordinating any exchange of material safety data sheets or other hazard communication information required to be made available to or exchanged between or among employers at the Site in accordance with Laws or Regulations.

7.15 *Emergencies*

- A. In emergencies affecting the safety or protection of persons or the Work or property at the Site or adjacent thereto, Contractor is obligated to act to prevent threatened damage, injury, or loss. Contractor shall give Engineer prompt written notice if Contractor believes that any significant changes in the Work or variations from the Contract Documents have been caused thereby or are required as a result thereof. If Engineer determines that a change in the Contract Documents is required because of the action taken by Contractor in response to such an emergency, a Work Change Directive or Change Order will be issued.

7.16 *Shop Drawings, Samples, and Other Submittals*

- A. Shop Drawing and Sample Submittal Requirements:
 - 1. Before submitting a Shop Drawing or Sample, Contractor shall have:
 - a. reviewed and coordinated the Shop Drawing or Sample with other Shop Drawings and Samples and with the requirements of the Work and the Contract Documents;

- b. determined and verified all field measurements, quantities, dimensions, specified performance and design criteria, installation requirements, materials, catalog numbers, and similar information with respect thereto;
 - c. determined and verified the suitability of all materials and equipment offered with respect to the indicated application, fabrication, shipping, handling, storage, assembly, and installation pertaining to the performance of the Work; and
 - d. determined and verified all information relative to Contractor's responsibilities for means, methods, techniques, sequences, and procedures of construction, and safety precautions and programs incident thereto.
2. Each submittal shall bear a stamp or specific written certification that Contractor has satisfied Contractor's obligations under the Contract Documents with respect to Contractor's review of that submittal, and that Contractor approves the submittal.
 3. With each submittal, Contractor shall give Engineer specific written notice of any variations that the Shop Drawing or Sample may have from the requirements of the Contract Documents. This notice shall be set forth in a written communication separate from the Shop Drawings or Sample submittal; and, in addition, in the case of Shop Drawings by a specific notation made on each Shop Drawing submitted to Engineer for review and approval of each such variation.
- B. *Submittal Procedures for Shop Drawings and Samples:* Contractor shall submit Shop Drawings and Samples to Engineer for review and approval in accordance with the accepted Schedule of Submittals. Each submittal will be identified as Engineer may require.
1. Shop Drawings:
 - a. Contractor shall submit the number of copies required in the Specifications.
 - b. Data shown on the Shop Drawings will be complete with respect to quantities, dimensions, specified performance and design criteria, materials, and similar data to show Engineer the services, materials, and equipment Contractor proposes to provide and to enable Engineer to review the information for the limited purposes required by Paragraph 7.16.D.
 2. Samples:
 - a. Contractor shall submit the number of Samples required in the Specifications.
 - b. Contractor shall clearly identify each Sample as to material, Supplier, pertinent data such as catalog numbers, the use for which intended and other data as Engineer may require to enable Engineer to review the submittal for the limited purposes required by Paragraph 7.16.D.
 3. Where a Shop Drawing or Sample is required by the Contract Documents or the Schedule of Submittals, any related Work performed prior to Engineer's review and approval of the pertinent submittal will be at the sole expense and responsibility of Contractor.
- C. *Other Submittals:* Contractor shall submit other submittals to Engineer in accordance with the accepted Schedule of Submittals, and pursuant to the applicable terms of the Specifications.
- D. *Engineer's Review:*
1. Engineer will provide timely review of Shop Drawings and Samples in accordance with the Schedule of Submittals acceptable to Engineer. Engineer's review and approval will be only to determine if the items covered by the submittals will, after installation or incorporation in the Work, conform to the information given in the Contract Documents and be

compatible with the design concept of the completed Project as a functioning whole as indicated by the Contract Documents.

2. Engineer's review and approval will not extend to means, methods, techniques, sequences, or procedures of construction or to safety precautions or programs incident thereto.
3. Engineer's review and approval of a separate item as such will not indicate approval of the assembly in which the item functions.
4. Engineer's review and approval of a Shop Drawing or Sample shall not relieve Contractor from responsibility for any variation from the requirements of the Contract Documents unless Contractor has complied with the requirements of Paragraph 7.16.A.3 and Engineer has given written approval of each such variation by specific written notation thereof incorporated in or accompanying the Shop Drawing or Sample. Engineer will document any such approved variation from the requirements of the Contract Documents in a Field Order.
5. Engineer's review and approval of a Shop Drawing or Sample shall not relieve Contractor from responsibility for complying with the requirements of Paragraph 7.16.A and B.
6. Engineer's review and approval of a Shop Drawing or Sample, or of a variation from the requirements of the Contract Documents, shall not, under any circumstances, change the Contract Times or Contract Price, unless such changes are included in a Change Order.
7. Neither Engineer's receipt, review, acceptance or approval of a Shop Drawing, Sample, or other submittal shall result in such item becoming a Contract Document.
8. Contractor shall perform the Work in compliance with the requirements and commitments set forth in approved Shop Drawings and Samples, subject to the provisions of Paragraph 7.16.D.4.

E. Resubmittal Procedures:

1. Contractor shall make corrections required by Engineer and shall return the required number of corrected copies of Shop Drawings and submit, as required, new Samples for review and approval. Contractor shall direct specific attention in writing to revisions other than the corrections called for by Engineer on previous submittals.
2. Contractor shall furnish required submittals with sufficient information and accuracy to obtain required approval of an item with no more than three submittals. Engineer will record Engineer's time for reviewing a fourth or subsequent submittal of a Shop Drawings, sample, or other item requiring approval, and Contractor shall be responsible for Engineer's charges to Owner for such time. Owner may impose a set-off against payments due to Contractor to secure reimbursement for such charges.
3. If Contractor requests a change of a previously approved submittal item, Contractor shall be responsible for Engineer's charges to Owner for its review time, and Owner may impose a set-off against payments due to Contractor to secure reimbursement for such charges, unless the need for such change is beyond the control of Contractor.

7.17 *Contractor's General Warranty and Guarantee*

- A. Contractor warrants and guarantees to Owner that all Work will be in accordance with the Contract Documents and will not be defective. Engineer and its officers, directors, members, partners, employees, agents, consultants, and subcontractors shall be entitled to rely on Contractor's warranty and guarantee.
- B. Contractor's warranty and guarantee hereunder excludes defects or damage caused by:

1. abuse, modification, or improper maintenance or operation by persons other than Contractor, Subcontractors, Suppliers, or any other individual or entity for whom Contractor is responsible; or
 2. normal wear and tear under normal usage.
- C. Contractor's obligation to perform and complete the Work in accordance with the Contract Documents shall be absolute. None of the following will constitute an acceptance of Work that is not in accordance with the Contract Documents or a release of Contractor's obligation to perform the Work in accordance with the Contract Documents:
1. observations by Engineer;
 2. recommendation by Engineer or payment by Owner of any progress or final payment;
 3. use or occupancy of the Work or any part thereof by Owner;
 4. any review and approval of a Shop Drawing or Sample submittal;
 5. the issuance of a notice of acceptability by Engineer;
 6. any inspection, test, or approval by others; or
 7. any correction of defective Work by Owner.
- D. If the Contract requires the Contractor to accept the assignment of a contract entered into by Owner, then the specific warranties, guarantees, and correction obligations contained in the assigned contract shall govern with respect to Contractor's performance obligations to Owner for the Work described in the assigned contract.

7.18 *Indemnification*

- A. To the fullest extent permitted by Laws and Regulations, and in addition to any other obligations of Contractor under the Contract or otherwise, Contractor shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or mediation or other dispute resolution costs) arising out of or relating to the performance of the Work, provided that any such claim, cost, loss, or damage is attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property (other than the Work itself), including the loss of use resulting therefrom but only to the extent caused by any negligent act or omission of Contractor, any Subcontractor, any Supplier, or any individual or entity directly or indirectly employed by any of them to perform any of the Work or anyone for whose acts any of them may be liable.
- B. In any and all claims against Owner or Engineer or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors by any employee (or the survivor or personal representative of such employee) of Contractor, any Subcontractor, any Supplier, or any individual or entity directly or indirectly employed by any of them to perform any of the Work, or anyone for whose acts any of them may be liable, the indemnification obligation under Paragraph 7.18.A shall not be limited in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for Contractor or any such Subcontractor, Supplier, or other individual or entity under workers' compensation acts, disability benefit acts, or other employee benefit acts.

- C. The indemnification obligations of Contractor under Paragraph 7.18.A shall not extend to the liability of Engineer and Engineer's officers, directors, members, partners, employees, agents, consultants and subcontractors arising out of:
 - 1. the preparation or approval of, or the failure to prepare or approve maps, Drawings, opinions, reports, surveys, Change Orders, designs, or Specifications; or
 - 2. giving directions or instructions, or failing to give them, if that is the primary cause of the injury or damage.

7.19 *Delegation of Professional Design Services*

- A. Contractor will not be required to provide professional design services unless such services are specifically required by the Contract Documents for a portion of the Work or unless such services are required to carry out Contractor's responsibilities for construction means, methods, techniques, sequences and procedures. Contractor shall not be required to provide professional services in violation of applicable Laws and Regulations.
- B. If professional design services or certifications by a design professional related to systems, materials, or equipment are specifically required of Contractor by the Contract Documents, Owner and Engineer will specify all performance and design criteria that such services must satisfy. Contractor shall cause such services or certifications to be provided by a properly licensed professional, whose signature and seal shall appear on all drawings, calculations, specifications, certifications, and other submittals prepared by such professional. Shop Drawings and other submittals related to the Work designed or certified by such professional, if prepared by others, shall bear such professional's written approval when submitted to Engineer.
- C. Owner and Engineer shall be entitled to rely upon the adequacy, accuracy, and completeness of the services, certifications, or approvals performed by such design professionals, provided Owner and Engineer have specified to Contractor all performance and design criteria that such services must satisfy.
- D. Pursuant to this paragraph, Engineer's review and approval of design calculations and design drawings will be only for the limited purpose of checking for conformance with performance and design criteria given and the design concept expressed in the Contract Documents. Engineer's review and approval of Shop Drawings and other submittals (except design calculations and design drawings) will be only for the purpose stated in Paragraph 7.16.D.1.
- E. Contractor shall not be responsible for the adequacy of the performance or design criteria specified by Owner or Engineer.

ARTICLE 8 – OTHER WORK AT THE SITE

8.01 *Other Work*

- A. In addition to and apart from the Work under the Contract Documents, the Owner may perform other work at or adjacent to the Site. Such other work may be performed by Owner's employees, or through contracts between the Owner and third parties. Owner may also arrange to have third-party utility owners perform work on their utilities and facilities at or adjacent to the Site.
- B. If Owner performs other work at or adjacent to the Site with Owner's employees, or through contracts for such other work, then Owner shall give Contractor written notice thereof prior to starting any such other work. If Owner has advance information regarding the start of any utility work at or adjacent to the Site, Owner shall provide such information to Contractor.

- C. Contractor shall afford each other contractor that performs such other work, each utility owner performing other work, and Owner, if Owner is performing other work with Owner's employees, proper and safe access to the Site, and provide a reasonable opportunity for the introduction and storage of materials and equipment and the execution of such other work. Contractor shall do all cutting, fitting, and patching of the Work that may be required to properly connect or otherwise make its several parts come together and properly integrate with such other work. Contractor shall not endanger any work of others by cutting, excavating, or otherwise altering such work; provided, however, that Contractor may cut or alter others' work with the written consent of Engineer and the others whose work will be affected.
- D. If the proper execution or results of any part of Contractor's Work depends upon work performed by others under this Article 8, Contractor shall inspect such other work and promptly report to Engineer in writing any delays, defects, or deficiencies in such other work that render it unavailable or unsuitable for the proper execution and results of Contractor's Work. Contractor's failure to so report will constitute an acceptance of such other work as fit and proper for integration with Contractor's Work except for latent defects and deficiencies in such other work.

8.02 *Coordination*

- A. If Owner intends to contract with others for the performance of other work at or adjacent to the Site, to perform other work at or adjacent to the Site with Owner's employees, or to arrange to have utility owners perform work at or adjacent to the Site, the following will be set forth in the Supplementary Conditions or provided to Contractor prior to the start of any such other work:
 - 1. the identity of the individual or entity that will have authority and responsibility for coordination of the activities among the various contractors;
 - 2. an itemization of the specific matters to be covered by such authority and responsibility; and
 - 3. the extent of such authority and responsibilities.
- B. Unless otherwise provided in the Supplementary Conditions, Owner shall have sole authority and responsibility for such coordination.

8.03 *Legal Relationships*

- A. If, in the course of performing other work at or adjacent to the Site for Owner, the Owner's employees, any other contractor working for Owner, or any utility owner for whom the Owner is responsible causes damage to the Work or to the property of Contractor or its Subcontractors, or delays, disrupts, interferes with, or increases the scope or cost of the performance of the Work, through actions or inaction, then Contractor shall be entitled to an equitable adjustment in the Contract Price or the Contract Times, or both. Contractor must submit any Change Proposal seeking an equitable adjustment in the Contract Price or the Contract Times under this paragraph within 30 days of the damaging, delaying, disrupting, or interfering event. The entitlement to, and extent of, any such equitable adjustment shall take into account information (if any) regarding such other work that was provided to Contractor in the Contract Documents prior to the submittal of the Bid or the final negotiation of the terms of the Contract. When applicable, any such equitable adjustment in Contract Price shall be conditioned on Contractor assigning to Owner all Contractor's rights against such other contractor or utility owner with respect to the damage, delay, disruption, or interference that is the subject of the adjustment. Contractor's entitlement to an adjustment of the Contract

Times is conditioned on such adjustment being essential to Contractor's ability to complete the Work within the Contract Times.

- B. Contractor shall take reasonable and customary measures to avoid damaging, delaying, disrupting, or interfering with the work of Owner, any other contractor, or any utility owner performing other work at or adjacent to the Site. If Contractor fails to take such measures and as a result damages, delays, disrupts, or interferes with the work of any such other contractor or utility owner, then Owner may impose a set-off against payments due to Contractor, and assign to such other contractor or utility owner the Owner's contractual rights against Contractor with respect to the breach of the obligations set forth in this paragraph.
- C. When Owner is performing other work at or adjacent to the Site with Owner's employees, Contractor shall be liable to Owner for damage to such other work, and for the reasonable direct delay, disruption, and interference costs incurred by Owner as a result of Contractor's failure to take reasonable and customary measures with respect to Owner's other work. In response to such damage, delay, disruption, or interference, Owner may impose a set-off against payments due to Contractor.
- D. If Contractor damages, delays, disrupts, or interferes with the work of any other contractor, or any utility owner performing other work at or adjacent to the Site, through Contractor's failure to take reasonable and customary measures to avoid such impacts, or if any claim arising out of Contractor's actions, inactions, or negligence in performance of the Work at or adjacent to the Site is made by any such other contractor or utility owner against Contractor, Owner, or Engineer, then Contractor shall (1) promptly attempt to settle the claim as to all parties through negotiations with such other contractor or utility owner, or otherwise resolve the claim by mediation or other dispute resolution proceeding or at law, and (2) indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them from and against any such claims, and against all costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or mediation or other dispute resolution costs) arising out of or relating to such damage, delay, disruption, or interference.

ARTICLE 9 – OWNER'S RESPONSIBILITIES

9.01 *Communications to Contractor*

- A. Except as otherwise provided in these General Conditions, Owner shall issue all communications to Contractor through the Water & Sewer Department.

9.02 *Replacement of Engineer*

- A. Owner may at its discretion appoint an engineer to replace Engineer, provided Contractor makes no reasonable objection to the replacement engineer. The replacement engineer's status under the Contract Documents shall be that of the former Engineer.

9.03 *Furnish Data*

- A. Owner shall promptly furnish the data required of Owner under the Contract Documents.

9.04 *Pay When Due*

- A. Owner shall make payments to Contractor when they are due as provided in the Agreement.

9.05 *Lands and Easements; Reports, Tests, and Drawings*

- A. Owner's duties with respect to providing lands and easements are set forth in Paragraph 5.01.

- B. Owner's duties with respect to providing engineering surveys to establish reference points are set forth in Paragraph 4.03.
- C. Article 5 refers to Owner's identifying and making available to Contractor copies of reports of explorations and tests of conditions at the Site, and drawings of physical conditions relating to existing surface or subsurface structures at the Site.

9.06 *Insurance*

- A. Owner's responsibilities, if any, with respect to purchasing and maintaining liability and property insurance are set forth in Article 6.

9.07 *Change Orders*

- A. Owner's responsibilities with respect to Change Orders are set forth in Article 11.

9.08 *Inspections, Tests, and Approvals*

- A. Owner's responsibility with respect to certain inspections, tests, and approvals is set forth in Paragraph 14.02.B.

9.09 *Limitations on Owner's Responsibilities*

- A. The Owner shall not supervise, direct, or have control or authority over, nor be responsible for, Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of Contractor to comply with Laws and Regulations applicable to the performance of the Work. Owner will not be responsible for Contractor's failure to perform the Work in accordance with the Contract Documents.

9.10 *Undisclosed Hazardous Environmental Condition*

- A. Owner's responsibility in respect to an undisclosed Hazardous Environmental Condition is set forth in Paragraph 5.06.

9.11 *Evidence of Financial Arrangements*

- A. Upon request of Contractor, Owner shall furnish Contractor reasonable evidence that financial arrangements have been made to satisfy Owner's obligations under the Contract Documents (including obligations under proposed changes in the Work).

9.12 *Safety Programs*

- A. While at the Site, Owner's employees and representatives shall comply with the specific applicable requirements of Contractor's safety programs of which Owner has been informed.
- B. Owner shall furnish copies of any applicable Owner safety programs to Contractor.

ARTICLE 10 – ENGINEER'S STATUS DURING CONSTRUCTION

10.01 *Owner's Representative*

- A. Engineer will be Owner's representative during the construction period. The duties and responsibilities and the limitations of authority of Engineer as Owner's representative during construction are set forth in the Contract.

10.02 *Visits to Site*

- A. Engineer will make visits to the Site at intervals appropriate to the various stages of construction as Engineer deems necessary in order to observe as an experienced and qualified design professional the progress that has been made and the quality of the various aspects of

Contractor's executed Work. Based on information obtained during such visits and observations, Engineer, for the benefit of Owner, will determine, in general, if the Work is proceeding in accordance with the Contract Documents. Engineer will not be required to make exhaustive or continuous inspections on the Site to check the quality or quantity of the Work. Engineer's efforts will be directed toward providing for Owner a greater degree of confidence that the completed Work will conform generally to the Contract Documents. On the basis of such visits and observations, Engineer will keep Owner informed of the progress of the Work and will endeavor to guard Owner against defective Work.

- B. Engineer's visits and observations are subject to all the limitations on Engineer's authority and responsibility set forth in Paragraph 10.08. Particularly, but without limitation, during or as a result of Engineer's visits or observations of Contractor's Work, Engineer will not supervise, direct, control, or have authority over or be responsible for Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of Contractor to comply with Laws and Regulations applicable to the performance of the Work.

10.03 *Project Representative*

- A. If Owner and Engineer have agreed that Engineer will furnish a Resident Project Representative to represent Engineer at the Site and assist Engineer in observing the progress and quality of the Work, then the authority and responsibilities of any such Resident Project Representative will be as provided in the Supplementary Conditions, and limitations on the responsibilities thereof will be as provided in Paragraph 10.08. If Owner designates another representative or agent to represent Owner at the Site who is not Engineer's consultant, agent, or employee, the responsibilities and authority and limitations thereon of such other individual or entity will be as provided in the Supplementary Conditions.

10.04 *Rejecting Defective Work*

- A. Engineer has the authority to reject Work in accordance with Article 14.

10.05 *Shop Drawings, Change Orders and Payments*

- A. Engineer's authority, and limitations thereof, as to Shop Drawings and Samples, are set forth in Paragraph 7.16.
- B. Engineer's authority, and limitations thereof, as to design calculations and design drawings submitted in response to a delegation of professional design services, if any, are set forth in Paragraph 7.19.
- C. Engineer's authority as to Change Orders is set forth in Article 11.
- D. Engineer's authority as to Applications for Payment is set forth in Article 15.

10.06 *Determinations for Unit Price Work*

- A. Engineer will determine the actual quantities and classifications of Unit Price Work performed by Contractor as set forth in Paragraph 13.03.

10.07 *Decisions on Requirements of Contract Documents and Acceptability of Work*

- A. Engineer will render decisions regarding the requirements of the Contract Documents, and judge the acceptability of the Work, pursuant to the specific procedures set forth herein for initial interpretations, Change Proposals, and acceptance of the Work. In rendering such decisions and judgments, Engineer will not show partiality to Owner or Contractor, and will not be liable to Owner, Contractor, or others in connection with any proceedings, interpretations, decisions, or judgments conducted or rendered in good faith.

10.08 *Limitations on Engineer's Authority and Responsibilities*

- A. Neither Engineer's authority or responsibility under this Article 10 or under any other provision of the Contract, nor any decision made by Engineer in good faith either to exercise or not exercise such authority or responsibility or the undertaking, exercise, or performance of any authority or responsibility by Engineer, shall create, impose, or give rise to any duty in contract, tort, or otherwise owed by Engineer to Contractor, any Subcontractor, any Supplier, any other individual or entity, or to any surety for or employee or agent of any of them.
- B. Engineer will not supervise, direct, control, or have authority over or be responsible for Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of Contractor to comply with Laws and Regulations applicable to the performance of the Work. Engineer will not be responsible for Contractor's failure to perform the Work in accordance with the Contract Documents.
- C. Engineer will not be responsible for the acts or omissions of Contractor or of any Subcontractor, any Supplier, or of any other individual or entity performing any of the Work.
- D. Engineer's review of the final Application for Payment and accompanying documentation and all maintenance and operating instructions, schedules, guarantees, bonds, certificates of inspection, tests and approvals, and other documentation required to be delivered by Paragraph 15.06.A will only be to determine generally that their content complies with the requirements of, and in the case of certificates of inspections, tests, and approvals, that the results certified indicate compliance with the Contract Documents.
- E. The limitations upon authority and responsibility set forth in this Paragraph 10.08 shall also apply to the Resident Project Representative, if any.

10.09 *Compliance with Safety Program*

- A. While at the Site, Engineer's employees and representatives will comply with the specific applicable requirements of Owner's and Contractor's safety programs (if any) of which Engineer has been informed.

ARTICLE 11 – AMENDING THE CONTRACT DOCUMENTS; CHANGES IN THE WORK

11.01 *Amending and Supplementing Contract Documents*

- A. The Contract Documents may be amended or supplemented by a Change Order, a Work Change Directive, or a Field Order.
 - 1. Change Orders:
 - a. If an amendment or supplement to the Contract Documents includes a change in the Contract Price or the Contract Times, such amendment or supplement must be set forth in a Change Order. A Change Order also may be used to establish amendments and supplements of the Contract Documents that do not affect the Contract Price or Contract Times.
 - b. Owner and Contractor may amend those terms and conditions of the Contract Documents that do not involve (1) the performance or acceptability of the Work, (2) the design (as set forth in the Drawings, Specifications, or otherwise), or (3) other engineering or technical matters, without the recommendation of the Engineer. Such an amendment shall be set forth in a Change Order.

2. *Work Change Directives:* A Work Change Directive will not change the Contract Price or the Contract Times but is evidence that the parties expect that the modification ordered or documented by a Work Change Directive will be incorporated in a subsequently issued Change Order, following negotiations by the parties as to the Work Change Directive's effect, if any, on the Contract Price and Contract Times; or, if negotiations are unsuccessful, by a determination under the terms of the Contract Documents governing adjustments, expressly including Paragraph 11.04 regarding change of Contract Price. Contractor must submit any Change Proposal seeking an adjustment of the Contract Price or the Contract Times, or both, no later than 30 days after the completion of the Work set out in the Work Change Directive. Owner must submit any Claim seeking an adjustment of the Contract Price or the Contract Times, or both, no later than 60 days after issuance of the Work Change Directive.
3. *Field Orders:* Engineer may authorize minor changes in the Work if the changes do not involve an adjustment in the Contract Price or the Contract Times and are compatible with the design concept of the completed Project as a functioning whole as indicated by the Contract Documents. Such changes will be accomplished by a Field Order and will be binding on Owner and also on Contractor, which shall perform the Work involved promptly. If Contractor believes that a Field Order justifies an adjustment in the Contract Price or Contract Times, or both, then before proceeding with the Work at issue, Contractor shall submit a Change Proposal as provided herein.

11.02 *Owner-Authorized Changes in the Work*

- A. Without invalidating the Contract and without notice to any surety, Owner may, at any time or from time to time, order additions, deletions, or revisions in the Work. Such changes shall be supported by Engineer's recommendation, to the extent the change involves the design (as set forth in the Drawings, Specifications, or otherwise), or other engineering or technical matters. Such changes may be accomplished by a Change Order, if Owner and Contractor have agreed as to the effect, if any, of the changes on Contract Times or Contract Price; or by a Work Change Directive. Upon receipt of any such document, Contractor shall promptly proceed with the Work involved; or, in the case of a deletion in the Work, promptly cease construction activities with respect to such deleted Work. Added or revised Work shall be performed under the applicable conditions of the Contract Documents. Nothing in this paragraph shall obligate Contractor to undertake work that Contractor reasonably concludes cannot be performed in a manner consistent with Contractor's safety obligations under the Contract Documents or Laws and Regulations.

11.03 *Unauthorized Changes in the Work*

- A. Contractor shall not be entitled to an increase in the Contract Price or an extension of the Contract Times with respect to any work performed that is not required by the Contract Documents, as amended, modified, or supplemented, except in the case of an emergency as provided in Paragraph 7.15 or in the case of uncovering Work as provided in Paragraph 14.05.

11.04 *Change of Contract Price*

- A. The Contract Price may only be changed by a Change Order. Any Change Proposal for an adjustment in the Contract Price shall comply with the provisions of Paragraph 11.06. Any Claim for an adjustment of Contract Price shall comply with the provisions of Article 12.
- B. An adjustment in the Contract Price will be determined as follows:

1. where the Work involved is covered by unit prices contained in the Contract Documents, then by application of such unit prices to the quantities of the items involved (subject to the provisions of Paragraph 13.03); or
 2. where the Work involved is not covered by unit prices contained in the Contract Documents, then by a mutually agreed lump sum (which may include an allowance for overhead and profit not necessarily in accordance with Paragraph 11.04.C.2); or
 3. where the Work involved is not covered by unit prices contained in the Contract Documents and the parties do not reach mutual agreement to a lump sum, then on the basis of the Cost of the Work (determined as provided in Paragraph 13.01) plus a Contractor's fee for overhead and profit (determined as provided in Paragraph 11.04.C).
- C. *Contractor's Fee:* When applicable, the Contractor's fee for overhead and profit shall be determined as follows:
1. a mutually acceptable fixed fee; or
 2. if a fixed fee is not agreed upon, then a fee based on the following percentages of the various portions of the Cost of the Work:
 - a. for costs incurred under Paragraphs 13.01.B.1 and 13.01.B.2, the Contractor's fee shall be 10 percent;
 - b. for costs incurred under Paragraph 13.01.B.3, the Contractor's fee shall be five percent;
 - c. where one or more tiers of subcontracts are on the basis of Cost of the Work plus a fee and no fixed fee is agreed upon, the intent of Paragraphs 11.04.C.2.a and 11.04.C.2.b is that the Contractor's fee shall be based on: (1) a fee of 15 percent of the costs incurred under Paragraphs 13.01.A.1 and 13.01.A.2 by the Subcontractor that actually performs the Work, at whatever tier, and (2) with respect to Contractor itself and to any Subcontractors of a tier higher than that of the Subcontractor that actually performs the Work, a fee of five percent of the amount (fee plus underlying costs incurred) attributable to the next lower tier Subcontractor; provided, however, that for any such subcontracted work the maximum total fee to be paid by Owner shall be no greater than 27 percent of the costs incurred by the Subcontractor that actually performs the work;
 - d. no fee shall be payable on the basis of costs itemized under Paragraphs 13.01.B.4, 13.01.B.5, and 13.01.C;
 - e. the amount of credit to be allowed by Contractor to Owner for any change which results in a net decrease in cost will be the amount of the actual net decrease in cost plus a deduction in Contractor's fee by an amount equal to five percent of such net decrease; and
 - f. when both additions and credits are involved in any one change, the adjustment in Contractor's fee shall be computed on the basis of the net change in accordance with Paragraphs 11.04.C.2.a through 11.04.C.2.e, inclusive.

11.05 *Change of Contract Times*

- A. The Contract Times may only be changed by a Change Order. Any Change Proposal for an adjustment in the Contract Times shall comply with the provisions of Paragraph 11.06. Any Claim for an adjustment in the Contract Times shall comply with the provisions of Article 12.

- B. An adjustment of the Contract Times shall be subject to the limitations set forth in Paragraph 4.05, concerning delays in Contractor's progress.

11.06 *Change Proposals*

- A. Contractor shall submit a Change Proposal to Engineer to request an adjustment in the Contract Times or Contract Price; appeal an initial decision by Engineer concerning the requirements of the Contract Documents or relating to the acceptability of the Work under the Contract Documents; contest a set-off against payment due; or seek other relief under the Contract. The Change Proposal shall specify any proposed change in Contract Times or Contract Price, or both, or other proposed relief, and explain the reason for the proposed change, with citations to any governing or applicable provisions of the Contract Documents.
 - 1. *Procedures:* Contractor shall submit each Change Proposal to Engineer promptly (but in no event later than 30 days) after the start of the event giving rise thereto, or after such initial decision. The Contractor shall submit supporting data, including the proposed change in Contract Price or Contract Time (if any), to the Engineer and Owner within 15 days after the submittal of the Change Proposal. The supporting data shall be accompanied by a written statement that the supporting data are accurate and complete, and that any requested time or price adjustment is the entire adjustment to which Contractor believes it is entitled as a result of said event. Engineer will advise Owner regarding the Change Proposal, and consider any comments or response from Owner regarding the Change Proposal.
 - 2. *Engineer's Action:* Engineer will review each Change Proposal and, within 30 days after receipt of the Contractor's supporting data, either deny the Change Proposal in whole, approve it in whole, or deny it in part and approve it in part. Such actions shall be in writing, with a copy provided to Owner and Contractor. If Engineer does not take action on the Change Proposal within 30 days, then either Owner or Contractor may at any time thereafter submit a letter to the other party indicating that as a result of Engineer's inaction the Change Proposal is deemed denied, thereby commencing the time for appeal of the denial under Article 12.
 - 3. *Binding Decision:* Engineer's decision will be final and binding upon Owner and Contractor, unless Owner or Contractor appeals the decision by filing a Claim under Article 12.
- B. *Resolution of Certain Change Proposals:* If the Change Proposal does not involve the design (as set forth in the Drawings, Specifications, or otherwise), the acceptability of the Work, or other engineering or technical matters, then Engineer will notify the parties that the Engineer is unable to resolve the Change Proposal. For purposes of further resolution of such a Change Proposal, such notice shall be deemed a denial, and Contractor may choose to seek resolution under the terms of Article 12.

11.07 *Execution of Change Orders*

- A. Owner and Contractor shall execute appropriate Change Orders covering:
 - 1. changes in the Contract Price or Contract Times which are agreed to by the parties, including any undisputed sum or amount of time for Work actually performed in accordance with a Work Change Directive;
 - 2. changes in Contract Price resulting from an Owner set-off, unless Contractor has duly contested such set-off;
 - 3. changes in the Work which are: (a) ordered by Owner pursuant to Paragraph 11.02, (b) required because of Owner's acceptance of defective Work under Paragraph 14.04 or

Owner's correction of defective Work under Paragraph 14.07, or (c) agreed to by the parties, subject to the need for Engineer's recommendation if the change in the Work involves the design (as set forth in the Drawings, Specifications, or otherwise), or other engineering or technical matters; and

4. changes in the Contract Price or Contract Times, or other changes, which embody the substance of any final and binding results under Paragraph 11.06, or Article 12.
- B. If Owner or Contractor refuses to execute a Change Order that is required to be executed under the terms of this Paragraph 11.07, it shall be deemed to be of full force and effect, as if fully executed.

11.08 *Notification to Surety*

If the provisions of any bond require notice to be given to a surety of any change affecting the general scope of the Work or the provisions of the Contract Documents (including, but not limited to, Contract Price or Contract Times), the giving of any such notice will be Contractor's responsibility. The amount of each applicable bond will be adjusted to reflect the effect of any such change.

ARTICLE 12 – CLAIMS

12.01 *Claims*

- A. *Claims Process*: The following disputes between Owner and Contractor shall be submitted to the Claims process set forth in this Article:
1. Appeals by Owner or Contractor of Engineer's decisions regarding Change Proposals;
 2. Owner demands for adjustments in the Contract Price or Contract Times, or other relief under the Contract Documents; and
 3. Disputes that Engineer has been unable to address because they do not involve the design (as set forth in the Drawings, Specifications, or otherwise), the acceptability of the Work, or other engineering or technical matters.
- B. *Submittal of Claim*: The party submitting a Claim shall deliver it directly to the other party to the Contract promptly (but in no event later than 30 days) after the start of the event giving rise thereto; in the case of appeals regarding Change Proposals within 30 days of the decision under appeal. The party submitting the Claim shall also furnish a copy to the Engineer, for its information only. The responsibility to substantiate a Claim shall rest with the party making the Claim. In the case of a Claim by Contractor seeking an increase in the Contract Times or Contract Price, or both, Contractor shall certify that the Claim is made in good faith, that the supporting data are accurate and complete, and that to the best of Contractor's knowledge and belief the amount of time or money requested accurately reflects the full amount to which Contractor is entitled.
- C. *Review and Resolution*: The party receiving a Claim shall review it thoroughly, giving full consideration to its merits. The two parties shall seek to resolve the Claim through the exchange of information and direct negotiations. The parties may extend the time for resolving the Claim by mutual agreement. All actions taken on a Claim shall be stated in writing and submitted to the other party, with a copy to Engineer.
- D. *Mediation*:

1. At any time after initiation of a Claim, Owner and Contractor may mutually agree to mediation of the underlying dispute. The agreement to mediate shall stay the Claim submittal and response process.
 2. If Owner and Contractor agree to mediation, then after 60 days from such agreement, either Owner or Contractor may unilaterally terminate the mediation process, and the Claim submittal and decision process shall resume as of the date of the termination. If the mediation proceeds but is unsuccessful in resolving the dispute, the Claim submittal and decision process shall resume as of the date of the conclusion of the mediation, as determined by the mediator.
 3. Owner and Contractor shall each pay one-half of the mediator's fees and costs.
- E. *Partial Approval*: If the party receiving a Claim approves the Claim in part and denies it in part, such action shall be final and binding unless within 30 days of such action the other party invokes the procedure set forth in Article 17 for final resolution of disputes.
- F. *Denial of Claim*: If efforts to resolve a Claim are not successful, the party receiving the Claim may deny it by giving written notice of denial to the other party. If the receiving party does not take action on the Claim within 90 days, then either Owner or Contractor may at any time thereafter submit a letter to the other party indicating that as a result of the inaction, the Claim is deemed denied, thereby commencing the time for appeal of the denial. A denial of the Claim shall be final and binding unless within 30 days of the denial the other party invokes the procedure set forth in Article 17 for the final resolution of disputes.
- G. *Final and Binding Results*: If the parties reach a mutual agreement regarding a Claim, whether through approval of the Claim, direct negotiations, mediation, or otherwise; or if a Claim is approved in part and denied in part, or denied in full, and such actions become final and binding; then the results of the agreement or action on the Claim shall be incorporated in a Change Order to the extent they affect the Contract, including the Work, the Contract Times, or the Contract Price.

ARTICLE 13 – COST OF THE WORK; ALLOWANCES; UNIT PRICE WORK

13.01 *Cost of the Work*

- A. *Purposes for Determination of Cost of the Work*: The term Cost of the Work means the sum of all costs necessary for the proper performance of the Work at issue, as further defined below. The provisions of this Paragraph 13.01 are used for two distinct purposes:
1. To determine Cost of the Work when Cost of the Work is a component of the Contract Price, under cost-plus-fee, time-and-materials, or other cost-based terms; or
 2. To determine the value of a Change Order, Change Proposal, Claim, set-off, or other adjustment in Contract Price. When the value of any such adjustment is determined on the basis of Cost of the Work, Contractor is entitled only to those additional or incremental costs required because of the change in the Work or because of the event giving rise to the adjustment.
- B. *Costs Included*: Except as otherwise may be agreed to in writing by Owner, costs included in the Cost of the Work shall be in amounts no higher than those prevailing in the locality of the Project, shall not include any of the costs itemized in Paragraph 13.01.C, and shall include only the following items:
1. Payroll costs for employees in the direct employ of Contractor in the performance of the Work under schedules of job classifications agreed upon by Owner and Contractor. Such

employees shall include, without limitation, superintendents, foremen, and other personnel employed full time on the Work. Payroll costs for employees not employed full time on the Work shall be apportioned on the basis of their time spent on the Work. Payroll costs shall include, but not be limited to, salaries and wages plus the cost of fringe benefits, which shall include social security contributions, unemployment, excise, and payroll taxes, workers' compensation, health and retirement benefits, bonuses, sick leave, and vacation and holiday pay applicable thereto. The expenses of performing Work outside of regular working hours, on Saturday, Sunday, or legal holidays, shall be included in the above to the extent authorized by Owner.

2. Cost of all materials and equipment furnished and incorporated in the Work, including costs of transportation and storage thereof, and Suppliers' field services required in connection therewith. All cash discounts shall accrue to Contractor unless Owner deposits funds with Contractor with which to make payments, in which case the cash discounts shall accrue to Owner. All trade discounts, rebates, and refunds and returns from sale of surplus materials and equipment shall accrue to Owner, and Contractor shall make provisions so that they may be obtained.
3. Payments made by Contractor to Subcontractors for Work performed by Subcontractors. If required by Owner, Contractor shall obtain competitive bids from subcontractors acceptable to Owner and Contractor and shall deliver such bids to Owner, who will then determine, with the advice of Engineer, which bids, if any, will be acceptable. If any subcontract provides that the Subcontractor is to be paid on the basis of Cost of the Work plus a fee, the Subcontractor's Cost of the Work and fee shall be determined in the same manner as Contractor's Cost of the Work and fee as provided in this Paragraph 13.01.
4. Costs of special consultants (including but not limited to engineers, architects, testing laboratories, surveyors, attorneys, and accountants) employed for services specifically related to the Work.
5. Supplemental costs including the following:
 - a. The proportion of necessary transportation, travel, and subsistence expenses of Contractor's employees incurred in discharge of duties connected with the Work.
 - b. Cost, including transportation and maintenance, of all materials, supplies, equipment, machinery, appliances, office, and temporary facilities at the Site, and hand tools not owned by the workers, which are consumed in the performance of the Work, and cost, less market value, of such items used but not consumed which remain the property of Contractor.
 - c. Rentals of all construction equipment and machinery, and the parts thereof, whether rented from Contractor or others in accordance with rental agreements approved by Owner with the advice of Engineer, and the costs of transportation, loading, unloading, assembly, dismantling, and removal thereof. All such costs shall be in accordance with the terms of said rental agreements. The rental of any such equipment, machinery, or parts shall cease when the use thereof is no longer necessary for the Work.
 - d. Sales, consumer, use, and other similar taxes related to the Work, and for which Contractor is liable, as imposed by Laws and Regulations.
 - e. Deposits lost for causes other than negligence of Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable, and royalty payments and fees for permits and licenses.

- f. Losses and damages (and related expenses) caused by damage to the Work, not compensated by insurance or otherwise, sustained by Contractor in connection with the performance of the Work (except losses and damages within the deductible amounts of property insurance established in accordance with Paragraph 6.05), provided such losses and damages have resulted from causes other than the negligence of Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable. Such losses shall include settlements made with the written consent and approval of Owner. No such losses, damages, and expenses shall be included in the Cost of the Work for the purpose of determining Contractor's fee.
 - g. The cost of utilities, fuel, and sanitary facilities at the Site.
 - h. Minor expenses such as communication service at the Site, express and courier services, and similar petty cash items in connection with the Work.
 - i. The costs of premiums for all bonds and insurance that Contractor is required by the Contract Documents to purchase and maintain.
- C. *Costs Excluded:* The term Cost of the Work shall not include any of the following items:
- 1. Payroll costs and other compensation of Contractor's officers, executives, principals (of partnerships and sole proprietorships), general managers, safety managers, engineers, architects, estimators, attorneys, auditors, accountants, purchasing and contracting agents, expeditors, timekeepers, clerks, and other personnel employed by Contractor, whether at the Site or in Contractor's principal or branch office for general administration of the Work and not specifically included in the agreed upon schedule of job classifications referred to in Paragraph 13.01.B.1 or specifically covered by Paragraph 13.01.B.4. The payroll costs and other compensation excluded here are to be considered administrative costs covered by the Contractor's fee.
 - 2. Expenses of Contractor's principal and branch offices other than Contractor's office at the Site.
 - 3. Any part of Contractor's capital expenses, including interest on Contractor's capital employed for the Work and charges against Contractor for delinquent payments.
 - 4. Costs due to the negligence of Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable, including but not limited to, the correction of defective Work, disposal of materials or equipment wrongly supplied, and making good any damage to property.
 - 5. Other overhead or general expense costs of any kind and the costs of any item not specifically and expressly included in Paragraph 13.01.B.
- D. *Contractor's Fee:* When the Work as a whole is performed on the basis of cost-plus, Contractor's fee shall be determined as set forth in the Agreement. When the value of any Work covered by a Change Order, Change Proposal, Claim, set-off, or other adjustment in Contract Price is determined on the basis of Cost of the Work, Contractor's fee shall be determined as set forth in Paragraph 11.04.C.
- E. *Documentation:* Whenever the Cost of the Work for any purpose is to be determined pursuant to this Article 13, Contractor will establish and maintain records thereof in accordance with generally accepted accounting practices and submit in a form acceptable to Engineer an itemized cost breakdown together with supporting data.

- A. It is understood that Contractor has included in the Contract Price all allowances so named in the Contract Documents and shall cause the Work so covered to be performed for such sums and by such persons or entities as may be acceptable to Owner and Engineer.
- B. *Cash Allowances*: Contractor agrees that:
 - 1. the cash allowances include the cost to Contractor (less any applicable trade discounts) of materials and equipment required by the allowances to be delivered at the Site, and all applicable taxes; and
 - 2. Contractor's costs for unloading and handling on the Site, labor, installation, overhead, profit, and other expenses contemplated for the cash allowances have been included in the Contract Price and not in the allowances, and no demand for additional payment on account of any of the foregoing will be valid.
- C. *Contingency Allowance*: Contractor agrees that a contingency allowance, if any, is for the sole use of Owner to cover unanticipated costs.
- D. Prior to final payment, an appropriate Change Order will be issued as recommended by Engineer to reflect actual amounts due Contractor on account of Work covered by allowances, and the Contract Price shall be correspondingly adjusted.

13.03 *Unit Price Work*

- A. Where the Contract Documents provide that all or part of the Work is to be Unit Price Work, initially the Contract Price will be deemed to include for all Unit Price Work an amount equal to the sum of the unit price for each separately identified item of Unit Price Work times the estimated quantity of each item as indicated in the Agreement.
- B. The estimated quantities of items of Unit Price Work are not guaranteed and are solely for the purpose of comparison of Bids and determining an initial Contract Price. Payments to Contractor for Unit Price Work will be based on actual quantities.
- C. Each unit price will be deemed to include an amount considered by Contractor to be adequate to cover Contractor's overhead and profit for each separately identified item.
- D. Engineer will determine the actual quantities and classifications of Unit Price Work performed by Contractor. Engineer will review with Contractor the Engineer's preliminary determinations on such matters before rendering a written decision thereon (by recommendation of an Application for Payment or otherwise). Engineer's written decision thereon will be final and binding (except as modified by Engineer to reflect changed factual conditions or more accurate data) upon Owner and Contractor, subject to the provisions of the following paragraph.
- E. Within 30 days of Engineer's written decision under the preceding paragraph, Contractor may submit a Change Proposal, or Owner may file a Claim, seeking an adjustment in the Contract Price if:
 - 1. the quantity of any item of Unit Price Work performed by Contractor differs materially and significantly from the estimated quantity of such item indicated in the Agreement;
 - 2. there is no corresponding adjustment with respect to any other item of Work; and
 - 3. Contractor believes that it is entitled to an increase in Contract Price as a result of having incurred additional expense or Owner believes that Owner is entitled to a decrease in Contract Price, and the parties are unable to agree as to the amount of any such increase or decrease.

ARTICLE 14 – TESTS AND INSPECTIONS; CORRECTION, REMOVAL OR ACCEPTANCE OF DEFECTIVE WORK

14.01 Access to Work

- A. Owner, Engineer, their consultants and other representatives and personnel of Owner, independent testing laboratories, and authorities having jurisdiction will have access to the Site and the Work at reasonable times for their observation, inspection, and testing. Contractor shall provide them proper and safe conditions for such access and advise them of Contractor's safety procedures and programs so that they may comply therewith as applicable.

14.02 Tests, Inspections, and Approvals

- A. Contractor shall give Engineer timely notice of readiness of the Work (or specific parts thereof) for all required inspections and tests and shall cooperate with inspection and testing personnel to facilitate required inspections and tests.
- B. ~~Owner~~ **Contractor** shall retain and pay for the services of an independent inspector, testing laboratory, or other qualified individual or entity to perform all inspections and tests expressly required by the Contract Documents to be furnished and paid for by ~~Owner~~ **Contractor**, except that costs incurred in connection with tests or inspections of covered Work shall be governed by the provisions of Paragraph 14.05.
- C. If Laws or Regulations of any public body having jurisdiction require any Work (or part thereof) specifically to be inspected, tested, or approved by an employee or other representative of such public body, Contractor shall assume full responsibility for arranging and obtaining such inspections, tests, or approvals, pay all costs in connection therewith, and furnish Engineer the required certificates of inspection or approval.
- D. Contractor shall be responsible for arranging, obtaining, and paying for all inspections and tests required:
 - 1. by the Contract Documents, unless the Contract Documents expressly allocate responsibility for a specific inspection or test to Owner;
 - 2. to attain Owner's and Engineer's acceptance of materials or equipment to be incorporated in the Work;
 - 3. by manufacturers of equipment furnished under the Contract Documents;
 - 4. for testing, adjusting, and balancing of mechanical, electrical, and other equipment to be incorporated into the Work; and
 - 5. for acceptance of materials, mix designs, or equipment submitted for approval prior to Contractor's purchase thereof for incorporation in the Work.

Such inspections and tests shall be performed by independent inspectors, testing laboratories, or other qualified individuals or entities acceptable to Owner and Engineer.

- E. If the Contract Documents require the Work (or part thereof) to be approved by Owner, Engineer, or another designated individual or entity, then Contractor shall assume full responsibility for arranging and obtaining such approvals.
- F. If any Work (or the work of others) that is to be inspected, tested, or approved is covered by Contractor without written concurrence of Engineer, Contractor shall, if requested by Engineer, uncover such Work for observation. Such uncovering shall be at Contractor's expense unless Contractor had given Engineer timely notice of Contractor's intention to cover the same and Engineer had not acted with reasonable promptness in response to such notice.

14.03 *Defective Work*

- A. *Contractor's Obligation:* It is Contractor's obligation to assure that the Work is not defective.
- B. *Engineer's Authority:* Engineer has the authority to determine whether Work is defective, and to reject defective Work.
- C. *Notice of Defects:* Prompt notice of all defective Work of which Owner or Engineer has actual knowledge will be given to Contractor.
- D. *Correction, or Removal and Replacement:* Promptly after receipt of written notice of defective Work, Contractor shall correct all such defective Work, whether or not fabricated, installed, or completed, or, if Engineer has rejected the defective Work, remove it from the Project and replace it with Work that is not defective.
- E. *Preservation of Warranties:* When correcting defective Work, Contractor shall take no action that would void or otherwise impair Owner's special warranty and guarantee, if any, on said Work.
- F. *Costs and Damages:* In addition to its correction, removal, and replacement obligations with respect to defective Work, Contractor shall pay all claims, costs, losses, and damages arising out of or relating to defective Work, including but not limited to the cost of the inspection, testing, correction, removal, replacement, or reconstruction of such defective Work, fines levied against Owner by governmental authorities because the Work is defective, and the costs of repair or replacement of work of others resulting from defective Work. Prior to final payment, if Owner and Contractor are unable to agree as to the measure of such claims, costs, losses, and damages resulting from defective Work, then Owner may impose a reasonable set-off against payments due under Article 15.

14.04 *Acceptance of Defective Work*

- A. If, instead of requiring correction or removal and replacement of defective Work, Owner prefers to accept it, Owner may do so (subject, if such acceptance occurs prior to final payment, to Engineer's confirmation that such acceptance is in general accord with the design intent and applicable engineering principles, and will not endanger public safety). Contractor shall pay all claims, costs, losses, and damages attributable to Owner's evaluation of and determination to accept such defective Work (such costs to be approved by Engineer as to reasonableness), and for the diminished value of the Work to the extent not otherwise paid by Contractor. If any such acceptance occurs prior to final payment, the necessary revisions in the Contract Documents with respect to the Work shall be incorporated in a Change Order. If the parties are unable to agree as to the decrease in the Contract Price, reflecting the diminished value of Work so accepted, then Owner may impose a reasonable set-off against payments due under Article 15. If the acceptance of defective Work occurs after final payment, Contractor shall pay an appropriate amount to Owner.

14.05 *Uncovering Work*

- A. Engineer has the authority to require additional inspection or testing of the Work, whether or not the Work is fabricated, installed, or completed.
- B. If any Work is covered contrary to the written request of Engineer, then Contractor shall, if requested by Engineer, uncover such Work for Engineer's observation, and then replace the covering, all at Contractor's expense.
- C. If Engineer considers it necessary or advisable that covered Work be observed by Engineer or inspected or tested by others, then Contractor, at Engineer's request, shall uncover, expose, or otherwise make available for observation, inspection, or testing as Engineer may require,

that portion of the Work in question, and provide all necessary labor, material, and equipment.

1. If it is found that the uncovered Work is defective, Contractor shall be responsible for all claims, costs, losses, and damages arising out of or relating to such uncovering, exposure, observation, inspection, and testing, and of satisfactory replacement or reconstruction (including but not limited to all costs of repair or replacement of work of others); and pending Contractor's full discharge of this responsibility the Owner shall be entitled to impose a reasonable set-off against payments due under Article 15.
2. If the uncovered Work is not found to be defective, Contractor shall be allowed an increase in the Contract Price or an extension of the Contract Times, or both, directly attributable to such uncovering, exposure, observation, inspection, testing, replacement, and reconstruction. If the parties are unable to agree as to the amount or extent thereof, then Contractor may submit a Change Proposal within 30 days of the determination that the Work is not defective.

14.06 *Owner May Stop the Work*

- A. If the Work is defective, or Contractor fails to supply sufficient skilled workers or suitable materials or equipment, or fails to perform the Work in such a way that the completed Work will conform to the Contract Documents, then Owner may order Contractor to stop the Work, or any portion thereof, until the cause for such order has been eliminated; however, this right of Owner to stop the Work shall not give rise to any duty on the part of Owner to exercise this right for the benefit of Contractor, any Subcontractor, any Supplier, any other individual or entity, or any surety for, or employee or agent of any of them.

14.07 *Owner May Correct Defective Work*

- A. If Contractor fails within a reasonable time after written notice from Engineer to correct defective Work, or to remove and replace rejected Work as required by Engineer, or if Contractor fails to perform the Work in accordance with the Contract Documents, or if Contractor fails to comply with any other provision of the Contract Documents, then Owner may, after seven days written notice to Contractor, correct or remedy any such deficiency.
- B. In exercising the rights and remedies under this Paragraph 14.07, Owner shall proceed expeditiously. In connection with such corrective or remedial action, Owner may exclude Contractor from all or part of the Site, take possession of all or part of the Work and suspend Contractor's services related thereto, and incorporate in the Work all materials and equipment stored at the Site or for which Owner has paid Contractor but which are stored elsewhere. Contractor shall allow Owner, Owner's representatives, agents and employees, Owner's other contractors, and Engineer and Engineer's consultants access to the Site to enable Owner to exercise the rights and remedies under this paragraph.
- C. All claims, costs, losses, and damages incurred or sustained by Owner in exercising the rights and remedies under this Paragraph 14.07 will be charged against Contractor as set-offs against payments due under Article 15. Such claims, costs, losses and damages will include but not be limited to all costs of repair, or replacement of work of others destroyed or damaged by correction, removal, or replacement of Contractor's defective Work.
- D. Contractor shall not be allowed an extension of the Contract Times because of any delay in the performance of the Work attributable to the exercise by Owner of Owner's rights and remedies under this Paragraph 14.07.

ARTICLE 15 – PAYMENTS TO CONTRACTOR; SET-OFFS; COMPLETION; CORRECTION PERIOD

15.01 *Progress Payments*

- A. *Basis for Progress Payments:* The Schedule of Values established as provided in Article 2 will serve as the basis for progress payments and will be incorporated into a form of Application for Payment acceptable to Engineer. Progress payments on account of Unit Price Work will be based on the number of units completed during the pay period, as determined under the provisions of Paragraph 13.03. Progress payments for cost-based Work will be based on Cost of the Work completed by Contractor during the pay period.
- B. Applications for Payments:
1. At least 20 days before the date established in the Agreement for each progress payment (but not more often than once a month), Contractor shall submit to Engineer for review an Application for Payment filled out and signed by Contractor covering the Work completed as of the date of the Application and accompanied by such supporting documentation as is required by the Contract Documents. If payment is requested on the basis of materials and equipment not incorporated in the Work but delivered and suitably stored at the Site or at another location agreed to in writing, the Application for Payment shall also be accompanied by a bill of sale, invoice, or other documentation warranting that Owner has received the materials and equipment free and clear of all Liens, and evidence that the materials and equipment are covered by appropriate property insurance, a warehouse bond, or other arrangements to protect Owner's interest therein, all of which must be satisfactory to Owner.
 2. Beginning with the second Application for Payment, each Application shall include an affidavit of Contractor stating that all previous progress payments received on account of the Work have been applied on account to discharge Contractor's legitimate obligations associated with prior Applications for Payment.
- C. Review of Applications:
1. Engineer will, within 10 days after receipt of each Application for Payment, including each resubmittal, either indicate in writing a recommendation of payment and present the Application to Owner, or return the Application to Contractor indicating in writing Engineer's reasons for refusing to recommend payment. In the latter case, Contractor may make the necessary corrections and resubmit the Application.
 2. Engineer's recommendation of any payment requested in an Application for Payment will constitute a representation by Engineer to Owner, based on Engineer's observations of the executed Work as an experienced and qualified design professional, and on Engineer's review of the Application for Payment and the accompanying data and schedules, that to the best of Engineer's knowledge, information and belief:
 - a. the Work has progressed to the point indicated;
 - b. the quality of the Work is generally in accordance with the Contract Documents (subject to an evaluation of the Work as a functioning whole prior to or upon completion, the results of any subsequent tests called for in the Contract Documents, a final determination of quantities and classifications for Unit Price Work under Paragraph 13.03, and any other qualifications stated in the recommendation); and
 - c. the conditions precedent to Contractor's being entitled to such payment appear to have been fulfilled in so far as it is Engineer's responsibility to observe the Work.

3. By recommending any such payment Engineer will not thereby be deemed to have represented that:
 - a. inspections made to check the quality or the quantity of the Work as it has been performed have been exhaustive, extended to every aspect of the Work in progress, or involved detailed inspections of the Work beyond the responsibilities specifically assigned to Engineer in the Contract; or
 - b. there may not be other matters or issues between the parties that might entitle Contractor to be paid additionally by Owner or entitle Owner to withhold payment to Contractor.
4. Neither Engineer's review of Contractor's Work for the purposes of recommending payments nor Engineer's recommendation of any payment, including final payment, will impose responsibility on Engineer:
 - a. to supervise, direct, or control the Work, or
 - b. for the means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or
 - c. for Contractor's failure to comply with Laws and Regulations applicable to Contractor's performance of the Work, or
 - d. to make any examination to ascertain how or for what purposes Contractor has used the money paid on account of the Contract Price, or
 - e. to determine that title to any of the Work, materials, or equipment has passed to Owner free and clear of any Liens.
5. Engineer may refuse to recommend the whole or any part of any payment if, in Engineer's opinion, it would be incorrect to make the representations to Owner stated in Paragraph 15.01.C.2.
6. Engineer will recommend reductions in payment (set-offs) necessary in Engineer's opinion to protect Owner from loss because:
 - a. the Work is defective, requiring correction or replacement;
 - b. the Contract Price has been reduced by Change Orders;
 - c. Owner has been required to correct defective Work in accordance with Paragraph 14.07, or has accepted defective Work pursuant to Paragraph 14.04;
 - d. Owner has been required to remove or remediate a Hazardous Environmental Condition for which Contractor is responsible; or
 - e. Engineer has actual knowledge of the occurrence of any of the events that would constitute a default by Contractor and therefore justify termination for cause under the Contract Documents.

D. Payment Becomes Due:

1. Thirty days after presentation of the Application for Payment to Owner, the amount recommended (subject to any Owner set-offs) will become due, and when due will be paid by Owner to Contractor.

E. Reductions in Payment by Owner:

1. In addition to any reductions in payment (set-offs) recommended by Engineer, Owner is entitled to impose a set-off against payment based on any of the following:

- a. claims have been made against Owner on account of Contractor's conduct in the performance or furnishing of the Work, or Owner has incurred costs, losses, or damages on account of Contractor's conduct in the performance or furnishing of the Work, including but not limited to claims, costs, losses, or damages from workplace injuries, adjacent property damage, non-compliance with Laws and Regulations, and patent infringement;
 - b. Contractor has failed to take reasonable and customary measures to avoid damage, delay, disruption, and interference with other work at or adjacent to the Site;
 - c. Contractor has failed to provide and maintain required bonds or insurance;
 - d. Owner has been required to remove or remediate a Hazardous Environmental Condition for which Contractor is responsible;
 - e. Owner has incurred extra charges or engineering costs related to submittal reviews, evaluations of proposed substitutes, tests and inspections, or return visits to manufacturing or assembly facilities;
 - f. the Work is defective, requiring correction or replacement;
 - g. Owner has been required to correct defective Work in accordance with Paragraph 14.07, or has accepted defective Work pursuant to Paragraph 14.04;
 - h. the Contract Price has been reduced by Change Orders;
 - i. an event that would constitute a default by Contractor and therefore justify a termination for cause has occurred;
 - j. liquidated damages have accrued as a result of Contractor's failure to achieve Milestones or completion of the Work;
 - k. Liens have been filed in connection with the Work, except where Contractor has delivered a specific bond satisfactory to Owner to secure the satisfaction and discharge of such Liens;
 - l. there are other items entitling Owner to a set off against the amount recommended.
2. If Owner imposes any set-off against payment, whether based on its own knowledge or on the written recommendations of Engineer, Owner will give Contractor immediate written notice (with a copy to Engineer) stating the reasons for such action and the specific amount of the reduction, and promptly pay Contractor any amount remaining after deduction of the amount so withheld. Owner shall promptly pay Contractor the amount so withheld, or any adjustment thereto agreed to by Owner and Contractor, if Contractor remedies the reasons for such action. The reduction imposed shall be binding on Contractor unless it duly submits a Change Proposal contesting the reduction.
 3. Upon a subsequent determination that Owner's refusal of payment was not justified, the amount wrongfully withheld shall be treated as an amount due as determined by Paragraph 15.01.C.1 and subject to interest as provided in the Agreement.

15.02 *Contractor's Warranty of Title*

- A. Contractor warrants and guarantees that title to all Work, materials, and equipment furnished under the Contract will pass to Owner free and clear of (1) all Liens and other title defects, and (2) all patent, licensing, copyright, or royalty obligations, no later than seven days after the time of payment by Owner.

15.03 *Substantial Completion*

- A. Not applicable on this contract. Work completed will be through an individual Notice to Proceed.

15.04 *Partial Use or Occupancy*

- A. Prior to completion of all the Work, Owner may use or occupy any substantially completed part of the Work which has specifically been identified in the Contract Documents, or which Owner, Engineer, and Contractor agree constitutes a separately functioning and usable part of the Work that can be used by Owner for its intended purpose without significant interference with Contractor's performance of the remainder of the Work, subject to the following conditions:
 - 1. At any time Owner may request in writing that Contractor permit Owner to use or occupy any such part of the Work that Owner believes to be substantially complete. If and when Contractor agrees that such part of the Work is substantially complete, Contractor, Owner, and Engineer will follow the procedures of Paragraph 15.03.A through E for that part of the Work.
 - 2. Within a reasonable time after either such request, Owner, Contractor, and Engineer shall make an inspection of that part of the Work to determine its status of completion. If Engineer does not consider that part of the Work to be substantially complete, Engineer will notify Owner and Contractor in writing giving the reasons therefor.
 - 3. No use or occupancy or separate operation of part of the Work may occur prior to compliance with the requirements of Paragraph 6.05 regarding builder's risk or other property insurance.

15.05 *Final Inspection*

- A. Upon written notice from Contractor that the entire Work or an agreed portion thereof is complete, Engineer will promptly make a final inspection with Owner and Contractor and will notify Contractor in writing of all particulars in which this inspection reveals that the Work, or agreed portion thereof, is incomplete or defective. Contractor shall immediately take such measures as are necessary to complete such Work or remedy such deficiencies.

15.06 *Final Payment*

- A. Application for Payment:
 - 1. After Contractor has, in the opinion of Engineer, satisfactorily completed all corrections identified during the final inspection and has delivered, in accordance with the Contract Documents, all maintenance and operating instructions, schedules, guarantees, bonds, certificates or other evidence of insurance, certificates of inspection, annotated record documents (as provided in Paragraph 7.11), and other documents, Contractor may make application for final payment.
 - 2. The final Application for Payment shall be accompanied (except as previously delivered) by:
 - a. all documentation called for in the Contract Documents;
 - b. consent of the surety, if any, to final payment;
 - c. satisfactory evidence that all title issues have been resolved such that title to all Work, materials, and equipment has passed to Owner free and clear of any Liens or other title defects, or will so pass upon final payment.
 - d. a list of all disputes that Contractor believes are unsettled; and

- e. complete and legally effective releases or waivers (satisfactory to Owner) of all Lien rights arising out of the Work, and of Liens filed in connection with the Work.
 - 3. In lieu of the releases or waivers of Liens specified in Paragraph 15.06.A.2 and as approved by Owner, Contractor may furnish receipts or releases in full and an affidavit of Contractor that: (a) the releases and receipts include all labor, services, material, and equipment for which a Lien could be filed; and (b) all payrolls, material and equipment bills, and other indebtedness connected with the Work for which Owner might in any way be responsible, or which might in any way result in liens or other burdens on Owner's property, have been paid or otherwise satisfied. If any Subcontractor or Supplier fails to furnish such a release or receipt in full, Contractor may furnish a bond or other collateral satisfactory to Owner to indemnify Owner against any Lien, or Owner at its option may issue joint checks payable to Contractor and specified Subcontractors and Suppliers.
- B. Engineer's Review of Application and Acceptance:
- 48. If, on the basis of Engineer's observation of the Work during construction and final inspection, and Engineer's review of the final Application for Payment and accompanying documentation as required by the Contract Documents, Engineer is satisfied that the Work has been completed and Contractor's other obligations under the Contract have been fulfilled, Engineer will, within ten days after receipt of the final Application for Payment, indicate in writing Engineer's recommendation of final payment and present the Application for Payment to Owner for payment. Such recommendation shall account for any set-offs against payment that are necessary in Engineer's opinion to protect Owner from loss for the reasons stated above with respect to progress payments. At the same time Engineer will also give written notice to Owner and Contractor that the Work is acceptable, subject to the provisions of Paragraph 15.07. Otherwise, Engineer will return the Application for Payment to Contractor, indicating in writing the reasons for refusing to recommend final payment, in which case Contractor shall make the necessary corrections and resubmit the Application for Payment.
 - C. *Completion of Work*: The Work is complete (subject to surviving obligations) when it is ready for final payment as established by the Engineer's written recommendation of final payment.
 - D. *Payment Becomes Due*: Thirty days after the presentation to Owner of the final Application for Payment and accompanying documentation, the amount recommended by Engineer (less any further sum Owner is entitled to set off against Engineer's recommendation, including but not limited to set-offs for liquidated damages and set-offs allowed under the provisions above with respect to progress payments) will become due and shall be paid by Owner to Contractor.

15.07 *Waiver of Claims*

- A. The making of final payment will not constitute a waiver by Owner of claims or rights against Contractor. Owner expressly reserves claims and rights arising from unsettled Liens, from defective Work appearing after final inspection pursuant to Paragraph 15.05, from Contractor's failure to comply with the Contract Documents or the terms of any special guarantees specified therein, from outstanding Claims by Owner, or from Contractor's continuing obligations under the Contract Documents.

The acceptance of final payment by Contractor will constitute a waiver by Contractor of all claims and rights against Owner other than those pending matters that have been duly submitted or appealed under the provisions of Article 17.

15.08 *Correction Period*

- A. If within one year after the date of completion (or such longer period of time as may be prescribed by the terms of any applicable special guarantee required by the Contract Documents, or by any specific provision of the Contract Documents), any Work is found to be defective, or if the repair of any damages to the Site, adjacent areas that Contractor has arranged to use through construction easements or otherwise, and other adjacent areas used by Contractor as permitted by Laws and Regulations, is found to be defective, then Contractor shall promptly, without cost to Owner and in accordance with Owner's written instructions:
- 49. correct the defective repairs to the Site or such other adjacent areas;
 - 50. correct such defective Work;
 - 51. if the defective Work has been rejected by Owner, remove it from the Project and replace it with Work that is not defective, and
 - 52. satisfactorily correct or repair or remove and replace any damage to other Work, to the work of others, or to other land or areas resulting therefrom.
- B. If Contractor does not promptly comply with the terms of Owner's written instructions, or in an emergency where delay would cause serious risk of loss or damage, Owner may have the defective Work corrected or repaired or may have the rejected Work removed and replaced. Contractor shall pay all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or mediation or other dispute resolution costs) arising out of or relating to such correction or repair or such removal and replacement (including but not limited to all costs of repair or replacement of work of others).
- C. In special circumstances where a particular item of equipment is placed in continuous service before completion of all the Work, the correction period for that item may start to run from an earlier date if so provided in the Specifications.
- D. Where defective Work (and damage to other Work resulting therefrom) has been corrected or removed and replaced under this paragraph, the correction period hereunder with respect to such Work will be extended for an additional period of one year after such correction or removal and replacement has been satisfactorily completed.
- E. Contractor's obligations under this paragraph are in addition to all other obligations and warranties. The provisions of this paragraph shall not be construed as a substitute for, or a waiver of, the provisions of any applicable statute of limitation or repose.

ARTICLE 16 – SUSPENSION OF WORK AND TERMINATION

16.01 *Owner May Suspend Work*

- A. At any time and without cause, Owner may suspend the Work or any portion thereof for a period of not more than 90 consecutive days by written notice to Contractor and Engineer. Such notice will fix the date on which Work will be resumed. Contractor shall resume the Work on the date so fixed. Contractor shall be entitled to an adjustment in the Contract Price or an extension of the Contract Times, or both, directly attributable to any such suspension. Any Change Proposal seeking such adjustments shall be submitted no later than 30 days after the date fixed for resumption of Work.

16.02 *Owner May Terminate for Cause*

- A. The occurrence of any one or more of the following events will constitute a default by Contractor and justify termination for cause:

- 53. Contractor's persistent failure to perform the Work in accordance with the Contract Documents (including, but not limited to, failure to supply sufficient skilled workers or suitable materials or equipment or failure to adhere to the Progress Schedule);
 - 54. Failure of Contractor to perform or otherwise to comply with a material term of the Contract Documents;
 - 55. Contractor's disregard of Laws or Regulations of any public body having jurisdiction; or
 - 56. Contractor's repeated disregard of the authority of Owner or Engineer.
- B. If one or more of the events identified in Paragraph 16.02.A occurs, then after giving Contractor (and any surety) ten days written notice that Owner is considering a declaration that Contractor is in default and termination of the contract, Owner may proceed to:
- 57. declare Contractor to be in default, and give Contractor (and any surety) notice that the Contract is terminated; and
- C. Subject to the terms and operation of any applicable performance bond, if Owner has terminated the Contract for cause, Owner may exclude Contractor from the Site, take possession of the Work, incorporate in the Work all materials and equipment stored at the Site or for which Owner has paid Contractor but which are stored elsewhere, and complete the Work as Owner may deem expedient.
- D. Owner may not proceed with termination of the Contract under Paragraph 16.02.B if Contractor within seven days of receipt of notice of intent to terminate begins to correct its failure to perform and proceeds diligently to cure such failure.
- E. If Owner proceeds as provided in Paragraph 16.02.B, Contractor shall not be entitled to receive any further payment until the Work is completed. If the unpaid balance of the Contract Price exceeds the cost to complete the Work, including all related claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals) sustained by Owner, such excess will be paid to Contractor. If the cost to complete the Work including such related claims, costs, losses, and damages exceeds such unpaid balance, Contractor shall pay the difference to Owner. Such claims, costs, losses, and damages incurred by Owner will be reviewed by Engineer as to their reasonableness and, when so approved by Engineer, incorporated in a Change Order. When exercising any rights or remedies under this paragraph, Owner shall not be required to obtain the lowest price for the Work performed.

16.03 Owner May Terminate For Convenience

- A. Upon seven days written notice to Contractor and Engineer, Owner may, without cause and without prejudice to any other right or remedy of Owner, terminate the Contract. In such case, Contractor shall be paid for (without duplication of any items):
- 58. completed and acceptable Work executed in accordance with the Contract Documents prior to the effective date of termination, including fair and reasonable sums for overhead and profit on such Work;
 - 59. expenses sustained prior to the effective date of termination in performing services and furnishing labor, materials, or equipment as required by the Contract Documents in connection with uncompleted Work, plus fair and reasonable sums for overhead and profit on such expenses; and
 - 60. other reasonable expenses directly attributable to termination, including costs incurred to prepare a termination for convenience cost proposal.

- B. Contractor shall not be paid on account of loss of anticipated overhead, profits, or revenue, or other economic loss arising out of or resulting from such termination.

16.04 *Contractor May Stop Work or Terminate*

- A. If, through no act or fault of Contractor, (1) the Work is suspended for more than 90 consecutive days by Owner or under an order of court or other public authority, or (2) Engineer fails to act on any Application for Payment within 30 days after it is submitted, or (3) Owner fails for 30 days to pay Contractor any sum finally determined to be due, then Contractor may, upon seven days written notice to Owner and Engineer, and provided Owner or Engineer do not remedy such suspension or failure within that time, terminate the contract and recover from Owner payment on the same terms as provided in Paragraph 16.03.
- B. In lieu of terminating the Contract and without prejudice to any other right or remedy, if Engineer has failed to act on an Application for Payment within 30 days after it is submitted, or Owner has failed for 30 days to pay Contractor any sum finally determined to be due, Contractor may, seven days after written notice to Owner and Engineer, stop the Work until payment is made of all such amounts due Contractor, including interest thereon. The provisions of this paragraph are not intended to preclude Contractor from submitting a Change Proposal for an adjustment in Contract Price or Contract Times or otherwise for expenses or damage directly attributable to Contractor's stopping the Work as permitted by this paragraph.

ARTICLE 17 – FINAL RESOLUTION OF DISPUTES

17.01 *Methods and Procedures*

- A. *Disputes Subject to Final Resolution:* The following disputed matters are subject to final resolution under the provisions of this Article:
 - 61. A timely appeal of an approval in part and denial in part of a Claim, or of a denial in full; and
 - 62. Disputes between Owner and Contractor concerning the Work or obligations under the Contract Documents, and arising after final payment has been made.
- B. *Final Resolution of Disputes:* For any dispute subject to resolution under this Article, Owner or Contractor may:
 - 63. elect in writing to invoke the dispute resolution process provided for in the Supplementary Conditions; or
 - 64. agree with the other party to submit the dispute to another dispute resolution process; or
 - 65. if no dispute resolution process is provided for in the Supplementary Conditions or mutually agreed to, give written notice to the other party of the intent to submit the dispute to a court of competent jurisdiction.

ARTICLE 18 – MISCELLANEOUS

18.01 *Giving Notice*

- A. Whenever any provision of the Contract Documents requires the giving of written notice, it will be deemed to have been validly given if:
 - 66. delivered in person, by a commercial courier service or otherwise, to the individual or to a member of the firm or to an officer of the corporation for which it is intended; or

67. delivered at or sent by registered or certified mail, postage prepaid, to the last business address known to the sender of the notice.

18.02 *Computation of Times*

A. When any period of time is referred to in the Contract by days, it will be computed to exclude the first and include the last day of such period. If the last day of any such period falls on a Saturday or Sunday or on a day made a legal holiday by the law of the applicable jurisdiction, such day will be omitted from the computation.

18.03 *Cumulative Remedies*

A. The duties and obligations imposed by these General Conditions and the rights and remedies available hereunder to the parties hereto are in addition to, and are not to be construed in any way as a limitation of, any rights and remedies available to any or all of them which are otherwise imposed or available by Laws or Regulations, by special warranty or guarantee, or by other provisions of the Contract. The provisions of this paragraph will be as effective as if repeated specifically in the Contract Documents in connection with each particular duty, obligation, right, and remedy to which they apply.

18.04 *Limitation of Damages*

A. With respect to any and all Change Proposals, Claims, disputes subject to final resolution, and other matters at issue, neither Owner nor Engineer, nor any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors, shall be liable to Contractor for any claims, costs, losses, or damages sustained by Contractor on or in connection with any other project or anticipated project.

18.05 *No Waiver*

A. A party's non-enforcement of any provision shall not constitute a waiver of that provision, nor shall it affect the enforceability of that provision or of the remainder of this Contract.

18.06 *Survival of Obligations*

A. All representations, indemnifications, warranties, and guarantees made in, required by, or given in accordance with the Contract, as well as all continuing obligations indicated in the Contract, will survive final payment, completion, and acceptance of the Work or termination or completion of the Contract or termination of the services of Contractor.

18.07 *Controlling Law*

A. This Contract is to be governed by the law of the state in which the Project is located.

18.08 *Headings*

A. Article and paragraph headings are inserted for convenience only and do not constitute parts of these General Conditions.

SECTION 00800
SUPPLEMENTARY CONDITIONS

ARTICLE 2 – PRELIMINARY MATTERS

SC -2.01 Copies of Documents

SC-2.02 Delete Paragraph 2.02.A in its entirety and insert the following new paragraph in its place:

A. Owner shall furnish to Contractor four copies of conformed Contract Documents incorporating and integrating all Addenda and any amendments negotiated prior to the Effective Date of the Contract (including one fully executed counterpart of the Agreement), and one copy in electronic portable document format (PDF). Additional printed copies of the conformed Contract Documents will be furnished upon request at the cost of reproduction.

ARTICLE 6 – BONDS AND INSURANCE

SC - 6.03 Add the following new paragraph immediately after Paragraph 6.03.J:

K. The limits of liability for the insurance required by Paragraph 6.03 of the General Conditions shall provide coverage for not less than the following amounts or greater where required by Laws and Regulations:

1. Workers' Compensation, and related coverages under Paragraphs 6.03.A.1 and A.2 of the General Conditions:

State:	Statutory
Federal, if applicable (e.g., Longshoreman's):	Statutory

Employer's Liability: \$ 1,000,000

2. Contractor's Commercial General Liability under Paragraphs 6.03.B and 6.03.C of the General Conditions:

General Aggregate	\$ 2,000,000
Products - Completed Operations Aggregate	\$ 2,000,000

Personal and Advertising Injury \$ 1,000,000

Each Occurrence (Bodily Injury and Property Damage) \$ 1,000,000

3. Automobile Liability under Paragraph 6.03.D. of the General Conditions:

Bodily Injury:

Each person 1,000,000

Each accident 1,000,000

Property Damage:

Each accident 500,000

[or]

Combined Single Limit of 2,000,000

4. Excess or Umbrella Liability:

Per Occurrence \$ 1,000,000

General Aggregate \$ 1,000,000

SC-6.05 Property Insurance

SC-6.05 Add the following to the list of requirements in Paragraph 6.05.A, as a numbered item:

13. be subject to a deductible amount of no more than \$1,000 for direct physical loss in any one occurrence.

ARTICLE 8 – OTHER WORK AT THE SITE

SC-8.02 Coordination

SC-8.02 Delete Paragraph 8.02.A in its entirety and replace with the following:

A. Owner intends to contract with others for the performance of other work at or adjacent to the Site.

1. The Owner shall have authority and responsibility for coordination of the various contractors and work forces at the Site;
2. The following specific matters are to be covered by such authority and responsibility:

--The Owner to coordinate activities with contractors.

ARTICLE 9 – OWNER’S RESPONSIBILITIES

SC-9.13 Add the following new paragraph immediately after Paragraph 9.12 of the General Conditions:

SC-9.13 Owner will furnish an “Owner’s Site Representative” to represent Owner at the Site and assist Owner in observing the progress and quality of the Work. The Owner’s Site Representative is not Engineer’s consultant, agent, or employee. Owner’s Site Representative will be Mark Wise.

ARTICLE 10 – ENGINEER’S STATUS DURING CONSTRUCTION

SC-10.03 Project Representative

SC-10.03 Add the following new paragraphs immediately after Paragraph 10.03.A:

B. The Resident Project Representative (RPR) will be Engineer's representative at the Site, will act as directed by and under the supervision of Engineer, and will confer with Engineer regarding RPR's actions.

1. General: RPR's dealings in matters pertaining to the Work in general shall be with Engineer and Contractor. RPR's dealings with Subcontractors shall only be through or with the full knowledge and approval of Contractor. RPR shall generally communicate with Owner only with the knowledge of and under the direction of Engineer.
2. Schedules: Review the progress schedule, schedule of Shop Drawing and Sample submittals, and Schedule of Values prepared by Contractor and consult with Engineer concerning acceptability.
3. Conferences and Meetings: Attend meetings with Contractor, such as preconstruction conferences, progress meetings, job conferences, and other Project-related meetings, and prepare and circulate copies of minutes thereof.
4. Liaison:
 - a. Serve as Engineer’s liaison with Contractor. Working principally through Contractor’s authorized representative or designee, assist in providing information regarding the provisions and intent of the Contract Documents.

- b. Assist Engineer in serving as Owner's liaison with Contractor when Contractor's operations affect Owner's on-Site operations.
 - c. Assist in obtaining from Owner additional details or information, when required for proper execution of the Work.
5. Interpretation of Contract Documents: Report to Engineer when clarifications and interpretations of the Contract Documents are needed and transmit to Contractor clarifications and interpretations as issued by Engineer.
6. Shop Drawings and Samples:
 - a. Record date of receipt of Samples and Contractor-approved Shop Drawings.
 - b. Receive Samples which are furnished at the Site by Contractor, and notify Engineer of availability of Samples for examination.
 - c. Advise Engineer and Contractor of the commencement of any portion of the Work requiring a Shop Drawing or Sample submittal for which RPR believes that the submittal has not been approved by Engineer.
7. Modifications: Consider and evaluate Contractor's suggestions for modifications in Drawings or Specifications and report such suggestions, together with RPR's recommendations, if any, to Engineer. Transmit to Contractor in writing decisions as issued by Engineer.
8. Review of Work and Rejection of Defective Work:
 - a. Conduct on-Site observations of Contractor's work in progress to assist Engineer in determining if the Work is in general proceeding in accordance with the Contract Documents.
 - b. Report to Engineer whenever RPR believes that any part of Contractor's work in progress is defective, will not produce a completed Project that conforms generally to the Contract Documents, or will imperil the integrity of the design concept of the completed Project as a functioning whole as indicated in the Contract Documents, or has been damaged, or does not meet the requirements of any inspection, test or approval required to be made; and advise Engineer of that part of work in progress that RPR believes should be corrected or rejected or should be uncovered for observation, or requires special testing, inspection or approval.
9. Inspections, Tests, and System Start-ups:
 - a. Verify that tests, equipment, and systems start-ups and operating and maintenance training are conducted in the presence of appropriate Owner's personnel, and that Contractor maintains adequate records thereof.
 - b. Observe, record, and report to Engineer appropriate details relative to the test procedures and systems start-ups.
10. Records:
 - a. Prepare a daily report or keep a diary or log book, recording Contractor's hours on the Site, Subcontractors present at the Site, weather conditions, data relative to questions of Change Orders, Field

Orders, Work Change Directives, or changed conditions, Site visitors, deliveries of equipment or materials, daily activities, decisions, observations in general, and specific observations in more detail as in the case of observing test procedures; and send copies to Engineer.

b. Record names, addresses, fax numbers, e-mail addresses, web site locations, and telephone numbers of all Contractors, Subcontractors, and major Suppliers of materials and equipment.

c. Maintain records for use in preparing Project documentation.

11. Reports:

a. Furnish to Engineer periodic reports as required of progress of the Work and of Contractor's compliance with the Progress Schedule and schedule of Shop Drawing and Sample submittals.

b. Draft and recommend to Engineer proposed Change Orders, Work Change Directives, and Field Orders. Obtain backup material from Contractor.

c. Immediately notify Engineer of the occurrence of any Site accidents, emergencies, acts of God endangering the Work, force majeure or delay events, damage to property by fire or other causes, or the discovery of any Constituent of Concern or Hazardous Environmental Condition.

12. Payment Requests: Review applications for payment with Contractor for compliance with the established procedure for their submission and forward with recommendations to Engineer, noting particularly the relationship of the payment requested to the Schedule of Values, Work completed, and materials and equipment delivered at the Site but not incorporated in the Work.

13. Certificates, Operation and Maintenance Manuals: During the course of the Work, verify that materials and equipment certificates, operation and maintenance manuals and other data required by the Contract Documents to be assembled and furnished by Contractor are applicable to the items actually installed and in accordance with the Contract Documents, and have these documents delivered to Engineer for review and forwarding to Owner prior to payment for that part of the Work.

14. Completion:

a. Participate in Owner's final visit to the Site to determine completion of the Work, in the company of Owner and Contractor, and prepare a final punch list of items to be completed and deficiencies to be remedied.

b. Observe whether all items on the final list have been completed or corrected and make recommendations to Engineer concerning acceptance and issuance of the notice of acceptability of the work.

C. The RPR shall not:

1. Authorize any deviation from the Contract Documents or substitution of materials or equipment (including "or-equal" items).

2. Exceed limitations of Engineer's authority as set forth in the Contract Documents.
3. Undertake any of the responsibilities of Contractor, Subcontractors, or Suppliers.
4. Advise on, issue directions relative to, or assume control over any aspect of the means, methods, techniques, sequences or procedures of Contractor's work.
5. Advise on, issue directions regarding, or assume control over security or safety practices, precautions, and programs in connection with the activities or operations of Owner or Contractor.
6. Participate in specialized field or laboratory tests or inspections conducted off-site by others except as specifically authorized by Engineer.
7. Accept Shop Drawing or Sample submittals from anyone other than Contractor.
8. Authorize Owner to occupy the Project in whole or in part.

ARTICLE 17 – FINAL RESOLUTION OF DISPUTES

The meditation option is as follows:

SC-17.02 Add the following new paragraph immediately after Paragraph 17.01.

SC-17.02 Meditation

A. All matters subject to final resolution under this Article will be decided by meditation in accordance with the rules of State of Florida, subject to the conditions and limitations of this paragraph. This agreement to arbitrate and any other agreement or consent to arbitrate entered into will be specifically enforceable under the prevailing law of any court having jurisdiction.

B. The demand for meditation will be filed in writing with the other party to the Contract and with the selected arbitrator or meditation provider, and a copy will be sent to Engineer for information. The demand for meditation will be made within the specific time required in this Article, or if no specified time is applicable within a reasonable time after the matter in question has arisen, and in no event shall any such demand be made after the date when institution of legal or equitable proceedings based on such matter in question would be barred by the applicable statute of limitations. The demand for meditation should include specific reference to Paragraph SC-17.02.D below.

C. No meditation arising out of or relating to the Contract shall include by consolidation, joinder, or in any other manner any other individual or entity (including Engineer, and Engineer's consultants and the officers, directors, partners, agents, employees or consultants of any of them) who is not a party to this Contract unless:

1. the inclusion of such other individual or entity is necessary if complete relief is to be afforded among those who are already parties to the meditation; and

2. such other individual or entity is substantially involved in a question of law or fact which is common to those who are already parties to the mediation and which will arise in such proceedings.

D. The award rendered by the arbitrator(s) shall be consistent with the agreement of the parties, in writing, and include a concise breakdown of the award, and a written explanation of the award specifically citing the Contract provisions deemed applicable and relied on in making the award.

E. The award will be final. Judgment may be entered upon it in any court having jurisdiction thereof, and it will not be subject to modification or appeal, subject to provisions of the Laws and Regulations relating to vacating or modifying an arbitral award.

F. The fees and expenses of the arbitrators and any mediation service shall be shared equally by Owner and Contractor.

**SECTION C-00941
CHANGE ORDER**

Change Order No. _____

Date of Issuance:

Effective Date:

Owner:

Owner's Contract No.:

Contractor:

Contractor's Project No.:

Engineer:

Engineer's Project No.:

Project:

Contract Name:

The Contract is modified as follows upon execution of this Change Order:

Description:

Attachments: *[List documents supporting change]*

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES <i>[note changes in Milestones if applicable]</i>
Original Contract Price: \$ _____	Original Contract Times: Substantial Completion: _____ Ready for Final Payment: _____ days or dates
[Increase] [Decrease] from previously approved Change Orders No. ___ to No. ___: \$ _____	[Increase] [Decrease] from previously approved Change Orders No. ___ to No. ___: Substantial Completion: _____ Ready for Final Payment: _____ days
Contract Price prior to this Change Order: \$ _____	Contract Times prior to this Change Order: Substantial Completion: _____ Ready for Final Payment: _____ days or dates
[Increase] [Decrease] of this Change Order: \$ _____	[Increase] [Decrease] of this Change Order: Substantial Completion: _____ Ready for Final Payment: _____ days or dates
Contract Price incorporating this Change Order: \$ _____	Contract Times with all approved Change Orders: Substantial Completion: _____ Ready for Final Payment: _____ days or dates

RECOMMENDED:

ACCEPTED:

ACCEPTED:

By: _____
Engineer (if required)

By: _____
Owner (Authorized Signature)

By: _____
Contractor (Authorized Signature)

Title: _____

Title: _____

Title: _____

Date: _____

Date: _____

Date: _____

Approved by Funding Agency (if applicable)

By: _____
Title: _____

Date: _____

SECTION 00950

SPECIAL CONDITIONS

1. INSPECTION FACILITIES

The Contractor shall at all times provide access to, and all means necessary to provide for inspection of all parts of the work by the Engineer.

2. UTILITIES

The Contractor shall be responsible for any damage done by him or any of his subcontractors to all utilities within the limits of the work. It shall be his responsibility to locate and determine the depth of the existing utilities and manholes as far ahead of his operations as practicable and shall keep the Engineer and/or Owner informed of possible vertical and horizontal conflicts. Unavoidable conflicts will be eliminated as described below. Should any utilities or appurtenances be damaged by the Contractor's activities and operations under this contract, the Contractor shall cause the necessary repairs to be made and shall pay the entire cost thereof without compensation. Temporary repairs may be made by the Contractor to utilities damaged by his operations when such utilities are to be relocated, provided such temporary repairs are adequate to maintain the utility in service until the permanent relocation or adjustment is made.

No separate compensation shall be allowed the Contractor for any work required by this paragraph due to conflicts with lines and appurtenances or as a result of grade revisions.

- a. High Pressure Gas Lines: Where they interfere with work, high-pressure gas lines and appurtenances will be moved by the Okaloosa Gas District. The Contractor shall pay any charges made by the Gas District.
- b. Low Pressure Gas Lines: Where they interfere with work, low pressure gas lines and appurtenances will be moved by the Contractor at no expense to the Owner.
- c. Sanitary Sewers: Where they interfere with the work, existing sanitary sewer lines and laterals will be moved by the Contractor. The Contractor shall notify the Director of the Water and Sewer System at least twenty-four (24) hours prior to the initiation of any such relocation work.
- d. Water Lines: Where water lines interfere with the work they will be relocated by the Contractor. The Contractor shall notify the Director of the Water and Sewer System at least twenty-four (24) hours prior to the initiation of any such relocation work.
- e. Storm Drainage Pipe: The Contractor shall excavate a sufficient distance ahead of his work to allow the Engineer time and space to resolve conflicts with any storm drainage pipes which are not shown on the plans. It is the Contractor's responsibility to protect all existing storm drainage pipes which interfere with his operations. When the plans do not indicate the conflict and the Engineer finds that the conflict creates an undue hardship on the Contractor or calls for work outside the scope of the contract, the Engineer will determine the most appropriate method for resolving the conflict which is satisfactory to both the Owner and the Contractor. This additional work shall be handled by contract

change order or field instructions by the Engineer or his representative depending upon the extent and cost of said additional work.

3. **CONTRACTOR'S RESPONSIBILITY FOR WORK**

Until final acceptance of the work by the Owner, the work shall be in the custody and under the charge and care of the Contractor and he shall take every necessary precaution against injury or damage to any part thereof by the action of the elements or from any other cause, whether arising from execution or from the non-execution of the work, unless otherwise provided for elsewhere in the Contract Documents. The Contractor shall rebuild, repair, restore, and make good, without extra compensation, all injuries or damages to any portion of the work occasioned by any of the above causes before its completion and acceptance, and shall bear the expenses thereof. In case of suspension of the work from any cause whatever, the Contractor shall be responsible for all materials and equipment and shall properly store them, if necessary, and shall provide suitable shelter from damage and shall erect temporary structures where necessary.

4. **EXAMINATION OF PLANS, SPECIFICATIONS, SUPPLEMENTARY CONDITIONS, AND SITE WORK**

Before submitting a proposal, bidders shall examine carefully the site of the proposed work, the general and local conditions, the proposal form, standard specifications, supplemental specifications, provisions, and the contract and bond forms, and it is mutually agreed that the submission of a proposal shall be prima facie evidence that the bidder has made such examination and has judged for and satisfied himself as to the surface and subsurface conditions to be encountered, as to the character, quality, and quantities of work to be performed and materials to be furnished , and as to the requirements of plans, standard specifications, supplemental specifications, special provision contract, and bonds. No adjustments or compensation will be allowed for losses caused by failure to comply with this requirement.

Bidders are advised that the Owner disclaims responsibility for any opinions, conclusions, interpretations, or deductions that may be expressed or implied in any of the information presented or made available to bidders; it being expressly understood that the making of deductions, interpretations, and conclusions from all of the accessible factual information is the bidder's sole responsibility.

5. **ENVIRONMENTAL CONTROL**

The Contractor shall insure that good environmental protection practices and methods are instituted to protect surface waters from excessive silt, sediments and nutrients caused by his construction operations.

Storm drainage facilities and temporary dikes, checks, channelization, grassing and any other prudent control shall be installed in the initial stages and as necessary in order to fulfill the requirements set forth in the above regulations. The Contractor shall be responsible for all environmental damages caused by his operations. Cost for complying with these regulations shall be considered incidental to the work on the bid schedule and no separate payment will be made.

6. **PROSECUTION OF WORK**

- a. All the work shall be prosecuted in a manner which according to local conditions shall be best calculated to promote rapidity in construction, to secure safety to life and property and also to reduce to a minimum any interference with abutting property or public travel.
- b. The Contractor shall conduct his operations diligently in all parts of the work, coordinating his part so that the completion of the work shall not be unnecessarily delayed.

7. USE OF ADJOINING PROPERTY

Whenever it is necessary for the Contractor to occupy or otherwise use land adjacent to the work which is not the property of the Owner or for use of which no permit has been granted, the Contractor must make his own arrangements with the Owner of such property.

8. SAFETY AND HEALTH REGULATIONS

The Contractor shall comply with the Department of Labor Safety and Health Regulations for construction promulgated under Occupational Safety and Health Act of 1970 (PL-91-596) and under Section 107 of the Contract Work Hours and Safety Standards Act (PL-91-54).

9. OBSERVANCE OF LAWS AND REGULATIONS

The Contractor shall keep himself informed of all laws, ordinances, and regulations in any manner affecting those employed on the work, or the materials used in the work, or in any way affecting the conduct of the work, and of all orders and decrees of bodies or tribunals having any jurisdiction or authority over the same. He shall at all times himself observe and comply with, and shall require all his agents, employees and subcontractors to observe and comply with all such applicable laws, ordinances, regulations, orders and decrees in effect or which may become effective before completion of this contract; and shall protect and indemnify the Owner against any claim of liability arising from or based upon the violation of any such law, ordinance, regulation, order, or decree, whether by himself, his employees or his subcontractors. When local or state laws or ordinances conflict with federal laws or regulations, federal laws or regulations shall take precedence.

10. EQUIPMENT AND MATERIALS REMOVED

All equipment and materials removed and/or replaced in the contract which the Owner wants shall become the property of the Owner and shall be placed at a location on the site designated by the Owner. All other equipment and materials which the Owner does not want shall be disposed of off-site at the expense of the Contractor. The Owner shall be final judge of what is salvageable.

11. REMOVAL OF DEBRIS

The Contractor shall frequently clean up all refuse, rubbish, scrap materials and debris caused by his operations, so that at all times the site of the work shall present a neat, orderly and workmanlike appearance.

12. RESTORATION OF THE GROUNDS

As the work progresses and whenever so directed by the Owner, the Contractor is to remove all surplus material and completely restore to good condition, all surface, disturbed, destroyed or removed by the Contractor, or his agent, or on account of construction. When the Contractor fails to promptly restore the streets or other property, the Owner, after having given three (3) days notice to the Contractor shall have the work shut down until the streets and other property have been restored. Loss of time due to such shut-down will not entitle the Contractor to any extension of time or extra compensation.

Before final inspection is made, all surfaces disturbed on account of this construction shall be leveled up and all surplus material and rubbish incident to the construction must be removed and disposed of and streets, gutters, ditches, sidewalks, crossings, railroads, grass plots and other property affected by the Construction shall be left in good and acceptable condition.

13. UNDERGROUND UTILITIES AND SERVICES

The plans show certain features of the topography and certain underground utilities, but they do not purport to show in detail all such lines or obstructions. Such topography and notes on the plans were inserted from records available and are for the Contractor's convenience only, and shall not be used as basis for any claims of extra compensation.

All pipes or other underground utilities shall be maintained in continuous service where possible and shall be properly protected and supported. In no case shall interruptions to utilities be allowed to exist outside of working hours.

Prior to starting the work, the proper authorities of all utilities shall be notified by the Contractor and the Contractor shall cooperate in every way possible with these authorities. Whenever necessary to determine the location of existing pipes, valves or other underground structures, the Contractor shall examine all available records and shall made all explorations and excavations necessary for such purpose.

14. CHEMICALS

All chemicals used during project construction or furnished for project operation, whether herbicide, pesticide, disinfectant, polymer, reactant or other classification, must show approval of either EPA or USDA. Use of such chemicals and disposal of residues shall be in strict conformance with manufacturer's instructions.

15. COOPERATION BETWEEN CONTRACTORS

Contractor shall cooperate to the fullest extent in order to expedite the completion of the entire project. Any contractor deemed by the Owner to be in violation of this clause can be subject to disciplinary action including but not limited to fines to be paid to the Owner or direct payment to other contractors.

16. DAMAGE BETWEEN CONTRACTORS

If a Contractor damages any of the work performed by another contractor, that contractor causing the damage shall replace, repair, or make any other compensation deemed appropriate by the Owner to the Contractor who did the original work.

17. DEPOSITS AND WATER USAGE ON A HYDRANT METER

1. For any construction water utilized via a hydrant meter, the contractor shall setup an account with OCWS' Customer Service office and provide contract information.
2. The account shall be setup in the contractor's name with a deposit and service fee paid by the contractor. The deposit will be refunded when the account terminates if the meter has not been damaged or lost.
3. OCWS will be responsible for setting the hydrant meter, along with the monthly reading. If the hydrant meter needs to be relocated, contractor to coordinate this with OCWS Maintenance.
4. Water usage will not be charged to the contractor, provided that the above conditions are met.

END OF SECTION 00950.