

ADDENDUM NO. 1

August 27, 2019

BISMARCK 2019 LIME SLAKING EXPANSION

BISMARCK, NORTH DAKOTA

This document was originally issued and sealed by Laith D. Hintz, PE, Registration Number PE-5964 on August 27, 2019 and the original documents are stored at the office of Advanced Engineering & Environmental Services, Inc.

BID DATE: September 3, 2019
BID DEADLINE: 3:00 PM
LOCATION: Office of the City Administrator
PO Box 5503
221 N Fifth Street, Fourth Floor
Bismarck, ND 58506-5503

This Addendum forms part of the Contract Documents and modifies the original Bidding Documents as noted below. Acknowledge receipt of this Addendum on the exterior of the envelope containing the bid and in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

Bidding information and Addenda are available at AE2S.com/Project Bidding.

This Addendum consists of four (4) pages.

CHANGES TO SPECIFICATIONS

Section 00800 – SUPPLEMENTARY CONDITIONS

- 1. Delete SC-6.03 in its entirety and replace with the following:

AD1-SC 6.03 Contractor’s Liability Insurance

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:	<u>Statutory</u>
Federal, if applicable (e.g., Longshoreman’s):	<u>Statutory</u>
Jones Act coverage, if applicable:	
Bodily injury by accident, each accident	\$ <u>1,000,000</u>
Bodily injury by disease, aggregate	\$ <u>1,000,000</u>

Employer's Liability:

Bodily injury, each accident	\$ <u>1,000,000</u>
Bodily injury by disease, each employee	\$ <u>1,000,000</u>
Bodily injury/disease aggregate	\$ <u>2,000,000</u>

2. Contractor's Commercial General Liability under Paragraphs 6.03.B and 6.03.C of the General Conditions:

General Aggregate	\$ <u>2,000,000</u>
Products - Completed Operations Aggregate	\$ <u>1,000,000</u>
Personal and Advertising Injury	\$ <u>1,000,000</u>
Each Occurrence (Bodily Injury and Property Damage)	\$ <u>1,000,000</u>

3. Automobile Liability under Paragraph 6.03.D. of the General Conditions:

Bodily Injury:

Each person	\$ <u>500,000</u>
Each accident	\$ <u>1,000,000</u>

Property Damage:

Each accident	\$ <u>1,000,000</u>
<i>[or]</i>	
Combined Single Limit of	\$ <u>2,000,000</u>

4. Excess or Umbrella Liability:

Per Occurrence	\$ <u>1,000,000</u>
General Aggregate	\$ <u>2,000,000</u>

5. Contractor's Pollution Liability:

Each Occurrence	\$ <u>N/A</u>
General Aggregate	\$ <u>N/A</u>



If box is checked, Contractor is not required to provide Contractor's Pollution Liability insurance under this Contract

6. Additional Insureds: The Contractor's liability insurance policies, shall include and list as additional insureds as; the City of Bismarck and their employees, AE2S and their subconsultants, 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.
2. Delete SC-6.05 A.16 in its entirety. There are no Owner or third party supplied equipment or materials for this project.
3. Delete SC-7.02.B.1 and replace with: "1. Regular working hours will be 7:30 AM to 4:30 PM."
4. Delete SC-7.12 in its entirety and replace with the following

Insert the following after the second sentence of Paragraph 7.12.C:

The following Owner safety programs are applicable to the Work: Contractor shall complete a facility orientation with WTF staff prior to starting work.

Section 40 23 19 – PROCESS PIPE AND FITTINGS

1. **REPLACE** Paragraph 3.09 Pipe Schedule as follows.
 - A. Process Piping
 1. Ductile Iron or Stainless Steel – House water piping from gallery level to slaker. Copper may be allowed in certain areas.
 2. PVC – House water piping for water jackets.
 - B. Other Piping:
 1. UHMWP and stainless steel for lime delivery system piping.
 2. CPVC for gravity lime return piping.
 3. Copper for compressed air lines.
 4. Or as otherwise shown on Drawings.

Section 40 92 00 – PROCESS VALVES

1. Paragraph 2.03 – Butterfly Valves: **ADD** Bray Controls as an approved manufacturer.

CHANGES TO DRAWINGS

1. Drawing E2 – Demolition- Lime Slaker Expansion Plan
 - a. **ADD** the following sentence to Demolition note 6: Salvage existing ATL starter, current sensor, and overloads for the bin activator for reinstallation in new enclosure in same location as removed Merrick Slaker Control Panel. See E4 for new installation.
 - b. **Modify** Demolition note 3 to read: Contractor shall leave existing Bin Activator disconnect in place. Bin Activator cable and conduit is routed to the existing Merrick Slaker Control Panel. Contractor shall reuse and intercept and extend existing circuitry from the existing Merrick Control Panel Location to RDP Slaker No. 1 Control Panel (2021) and cable and conduit between the existing Merrick Slaker Control Panel and the Existing Bin Activator to the proposed Bin Activator Starter Enclosure location. Contractor shall provide new circuitry to new RDP Slaker No.2 Control Panel (2020) as required for the Bin Activator starter enclosure location. See E4 for starter enclosure location in the same spot as existing Merrick Control Panel that is to be demolished.

2. Drawing E4 – Proposed – Lime Slaker Expansion Plan
 - a. **ADD** Construction note 22: Contractor shall mount the salvaged ATL starter, current sensor, and motor overloads in a 12"x12"x9" deep NEMA 4X non-metallic starter enclosure with hinged front door and quarter turn latches. The enclosure shall be called the Bin Activator Starter Enclosure. Provide a descriptive nameplate on front face. Starter shall accept a required signal from either RDP Slaker Control Panel and shall start the Bin Activator. Upon starting, the existing current sensor shall transmit a Running signal to both RDP Slaker Control Panels.
 - b. **ADD** Construction note 23: Contractor shall provide a new 20A/3P 18 KAIC breaker for the Bin Activator Starter Enclosure noted in Construction Note 22 in the existing 480V MDC-01 panel. Note the intent is that either RDP Slaker Control Panel (No. 1 or No. 2) can call for the starter. Contractor shall reuse and intercept and extend existing circuitry to RDP Slaker No. 1 Control Panel (2021) and shall provide new circuitry to new RDP Slaker No.2 Control Panel (2020).
 - c. **ADD** the following Cable and Conduit Tags to the Bin Activator Starter Enclosure: 2020, 2021, 2022.

3. Drawing E15 – Proposed Improvements – High Service Pump Station No. 2
 - a. **ADD** 6-1/C-#14-3/4" C Type P1 from RDP SLAKER No. 2 CPL to Bin Activator Starter Enclosure (Control). Note: Label this circuit as 2020.
 - b. **ADD** 6-1/C-#14-3/4" C Type P1 from RDP SLAKER No. 1 CPL to Bin Activator Starter Enclosure (Control). Note: Label this circuit as 2021. Note: Contractor may reuse existing circuit but shall modify number of conductors as required.
 - c. **ADD** 3-1/C-#12-3/4" C with a #12 GND Type P1 from MDC-01 to Bin Activator Starter Enclosure (480V- 3 Phase Power). Note: Label this circuit as 2022.

End of Addendum