

ADDENDUM NO. 1

TO: PLANS AND SPECIFICATIONS FOR STATE OF MISSOURI

**Wastewater Treatment Facility Improvements
Moberly Correctional Center
Moberly, Missouri
Project No.: C1806-01**

Bid Opening Date: 1:30 PM, Thursday, July 28, 2022 (Not Changed)

Bidders are hereby informed that the construction Plans and/or Specifications are modified as follows:

SPECIFICATION CHANGES:

1. Section 263213 – Engine Generators
 - a. REVISE Part 2.1 Manufacturers as follows:
ADD Generac Power Systems, Inc., Waukesha, WI as an approved equal.
2. Section 331253 – Floating Baffle Curtain
 - a. REVISE Part 2.3 Manufacturers as follows:
ADD E2 Technical Textiles, Hillside, NJ as an approved equal.
3. Section 409721 – Magnetic Flowmeters
 - a. REVISE Part 2.2 Manufacturers as follows:
ADD ABB Water Master Model FEW magnetic flowmeter as an approved equal.
4. Section 444475 – Ultraviolet Disinfection Closed System
 - a. REVISE Part 2.1 Manufacturers as follows:
ADD Glasco UV, LLC as an approved equal.
5. Section 465332 - Lagoon Aeration System
 - a. REVISE Part 2.1-A.2.a as follows:
Manufacturers Scope of Supply: All material beginning at the manifold at the lagoon shore including the manifolds, isolation valves, hose barbs, hose clamps, flexible weighted tubing, and complete aeration unit assemblies.
 - b. REVISE Part 2.2-D.4 as follows:
Blower units will be tri-lobe positive displacement technology and complete with an inlet filter silencer, check valve, gate valve, pressure relief valve and pressure gauge. Blowers shall be Excelsior, 100 hp each and on soft starts.
 - c. REVISE Part 2.2-D.10.b as follows:
Discharge Pressure: 6.98 psig

d. REVISE Part 2.2-D.10.c as follows:

Minimum Horsepower: 100 HP

6. Section 465333 - Lagoon Integrated Nitrification Reactor

a. REVISE Part 2.5-C as follows:

There shall be two (2) tri-lobe positive displacement blower units from the NitrOx Tanks, one duty and one standby/backup. Blowers shall be Excelsior, 25 hp each and on soft starts.

b. REVISE Part 2.6-B as follows:

The insulation shall be 2-4" thick and comprise of material designed for thermal insulation. The insulation foam shall be rated for R3 per inch and shall be encapsulated between two layers of 40 to 60 mil HDPE or equivalent geomembrane material for maximum protection.

DRAWING CHANGES:

1. Sheet C-102

a. REVISE Reference Note 8 as follows:

Remove existing aerators and guide wires in cell #1 and cell #2. Guide posts shall be abandoned in place.

b. REVISE Reference Note 9 as follows:

Remove existing jetties in cell #1. This includes removal of the aerators and exposed electrical conduit and wire. The concrete pad at shore, concrete pipe anchors and concrete pedestals, for each jetty, shall be abandoned in place.

2. Sheet C-107

a. REVISE TriplePoint Scope of Supply, Scope Table Item 4 as follows:

TriplePoint air distribution piping from air supply header includes all material beginning at the manifold at the lagoon shore including the manifolds, isolation valves, hose barbs, hose clamps, flexible weighted tubing, and complete aeration unit assemblies. Each aerator will be provided with individual flexible weighted tubing from the manifolds at the lagoon berm. This will be supplied by TriplePoint Environmental.

3. Sheet C-108

a. REVISE General Note 7 as follows:

The Contractor shall coordinate with Owner to perform work. Notify Owner 3 weeks prior to beginning lagoon berm repair work and provide a schedule and plan for review and approval by the Owner and Engineer.

4. Sheet C-502

a. REVISE the Pipe Bollard - Embed Mounting Detail 9. See attached for revised detail.

5. Sheet D-101

- a. REVISE Material List Item 3 as follows:

Halliday trash basket B1B series or approved equal. Trash basket shall include SST hanger, aluminum guide rails, and SST chain with SST kellum grip. Provide and install a second set of aluminum rails for the flow control structure for cell #1 pipe.

6. Sheet D-103

- a. ADD General Note 11 as follows:

Blower pad layout is based on preliminary blower selections by TriplePoint Environmental, LLC. Contractor shall adapt blower concrete equipment pad, housekeeping pad, and discharge piping, valves, and appurtenances to suit TriplePoint Environmental final blower system at their own expense. Clearances and minimum dimensions shown on the blower plan shall be maintained.

7. Sheet D-104

- a. ADD General Note 5 as follows:

Contractor shall also adapt UV concrete equipment pad and housekeeping pad to suit UV system at their own expense.

8. Sheet D-105

- a. REVISE Material List Item 11 as follows:

1-1/4" True Union PVC Ball Valve with valve extension.

9. Sheet E-103

- a. REVISE Feeder Schedule Item 2 as follows:

3-2/0 & 1-6G in 2"C.

10. Sheet E-501

- a. REVISE HP3 Circuit Breaker Distribution Panel Schedule, Units 1 and 2 to 100 HP Blower, 200 AMP, 3 Pole.
- b. REVISE HP3 Circuit Breaker Distribution Panel Schedule, Units 5, 6, and 7, Tank Heater to 45 AMP, 3 Pole.
- c. REVISE Combination Motor Starter Schedule, Marks CMS1 and CMS2 to 100 HP Blower, 124 AMP max. Size 4 is still correct.

GENERAL COMMENTS:

1. The average percent solids, collected by Bartlett & West in Cell No. 3, was 5.99 percent. THIS IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. The Contractor is responsible for removing the sludge from the cell, regardless of the actual volume.
2. The Pre-bid Meeting was held July 13, 2022 at 10:00 AM. The sign-in sheet is attached.
3. Please contact Mandy Roberson, Contract Specialist, at 573-522-0074 or Mandy.Roberson@oa.mo.gov for questions about bidding procedures, MBE\WBE\SDVE Goals, and other submittal requirements.

4. The deadline for technical questions was Wednesday, July 20, 2022 at noon.
5. Changes to, or clarification of, the bid documents are only made as issued in the addenda.
6. All correspondence with respect to this project must include the State of Missouri project number as indicated above.
7. Current Plan holders list available online at <https://www.adsplanroom.net/jobs/1405/details/c1806-01-wastewater-treatment-facility-improvements>
8. Prospective Bidders contact American Document Solutions, 1400 Forum Blvd Suite 1C, Columbia MO 65201, 573-446-7768 to order official plans and specifications.
9. **All bids shall be submitted on the bid form without additional terms and conditions, modifications, or stipulations. Each space on the bid form shall be properly filled including a bid amount for each alternate. Failure to do so will result in rejection of the bid.**
10. **MBE/WBE/SDVE participation requirements can be found in DIVISION 00. The MBE/WBE/SDVE participation goals are 10%/10%/3%, respectively. Only certified firms as of the bid opening date can be used to satisfy the MBE/WBE/SDVE participation goals for this project. If a bidder is unable to meet a participation goal, a Good Faith Effort Determination Form must be completed. Failure to complete this process will result in rejection of the bid.**

ATTACHMENTS:

1. Pre-bid Meeting Sign-In Sheet
2. Pipe Bollard - Embed Mounting Detail 9/C-502

July 21, 2022

END OF ADDENDUM NO. 1

Pre-Bid Meeting Attendance Sheet
 Wastewater Treatment Facility Improvements
 Moberly Correctional Center
 Moberly, Missouri

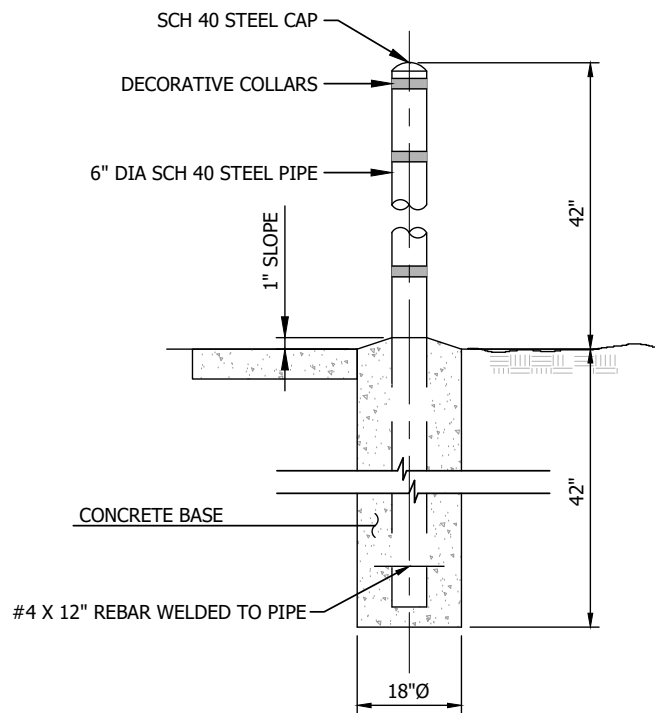
Project No. C1806-01
 July 13, 2022 at 10:00 AM

Name & Title	Company Name	Phone	E-Mail Address
Eric Hibdon	OA FMDC	573-522-0322	Eric.Hibdon@oa.mo.gov
Joe Coffelt	Doc	573-522-4678	Joe.Coffelt@Doc.mo.gov
Carl Haley	OA	573-645-7834	carl.haley@oa.mo.gov
ANTHONY LEE	MCC PPS III	573-338-0832	anthony_lee@Doc.mo.gov
Graham Boasin	VICTORIC	314-313-4354	Graham.Boasin@victoric.com
Rick Clark	Kaiser Electric	573-556-6188	rick@kaiser-central.mo.com
Tim Otto	Kaiser Electric	573-556-6188	tofft@kaiser-central.mo.com
Chad Moran	BRIS	573-355-4245	Chad.Moran@brownandroot.com
Joe Garrison	Trinitilt	660-646-3553	jgarrison@trinitilt.com
Arnon Gruenewald	Hedges Farms + Dredging	20-373-8715	arnon@hedgesfd.com
Parr Jeffries	Jeffries Electric	573-680-1571	P.Jeffries@jeffrieselectric.com
Ray Fink	Houston Electric	573-636-5046	Ray.Fink@houstonelectric.com
Kyle Ford	Dotson + Gibbs Inc	573-985-3700	d_ginc@yahoo.com
Valerie Holland	Burkett & West	573- 604- 634-3181	valerie.holland@burkettwest.com

Pre-Bid Meeting Attendance Sheet
Wastewater Treatment Facility Improvements
Moberly Correctional Center
Moberly, Missouri

Project No. C1806-01
 July 13, 2022 at 10:00 AM

Name & Title	Company Name	Phone	E-Mail Address
Scott Schieber Project Mgr CLEYTON HOOVER ESTIMATOR	River City	(573)657-7380	sschieber@rccllc.com
CLEYTON HOOVER ESTIMATOR	EMERY SARR & SONS	573-445-8331	CLEYTON.HOOVER@EMERY3APP.COM
NICK MARTIN	Martin Gordon	573 465 2107	N.Martin@martin-gc.com
AARON MARTIN	"	"	a.martin@martin-gc.com



9 PIPE BOLLARD - EMBED MOUNTING
NOT TO SCALE

ADDENDUM #1
 PIPE BOLLARD EXHIBIT
 WASTEWATER TREATMENT FACILITY IMPROVEMENTS
 MOBERLY CORRECTIONAL CENTER
 MOBERLY, MO
 7-21-2022