

**DANE COUNTY DEPT. OF
PUBLIC WORKS, HIGHWAY &
TRANSPORTATION**

1919 Alliant Energy Center Way
Madison, Wisconsin 53713
Office: 608/266-4018 ♦ Fax: 608/267-1533
Public Works Engineering Division
Public Works Solid Waste Division

ADDENDUM

April 19, 2018

ATTENTION ALL REQUEST FOR BID (RFB) HOLDERS

RFB NO. 317049 - ADDENDUM NO. 1

BIOGAS FACILITY CONSTRUCTION

BIDS DUE: MAY 1, 2018, 2:00 PM
DUE DATE AND TIME ARE CHANGED BY THIS ADDENDUM.

This Addendum is issued to modify, explain or clarify the original Request for Bid (RFB) and is hereby made a part of the RFB. All bidders must acknowledge this Addendum on the Bid Form.

PLEASE MAKE THE FOLLOWING CHANGES:

1. General

The bid due date has been changed to May 1, 2018 at 2:00PM.

Attachment 1 includes the pre-bid meeting minutes, Attachment 2 includes BIOFerm's crane placement timeline, and Attachment 3 includes AutoCAD files for cut/fill volume assistance.

2. Table of Contents

Updated to include Section 23 74 23.13 (Gas Fired Make-Up Air Units), Section 23 81 45 (Variable Refrigerant Volume Heat Pumps), Sheet M300 and Sheet A101. Changes have been highlighted in gray.

3. Bid Form

Removed the following text from Page BF-2: "Quantities shown are Project Engineer's best estimate. Bid will be awarded based on the Grand Total Bid. Unit prices are reflective of estimated quantities to establish a Base Bid. Payment on unit rate items will be based on actual quantities installed by the selected Contractor." Updated to include Bid Item 141 – Stormwater Detention Basin. Changes have been highlighted in gray.

4. Public Works Sample Construction Contract

The following updates were made to this section:

- Liquidated damages for failing to timely attain Substantial Completion and Final Completion shall be capped at 10% of the total contract amount
- There shall be no delays or adjustments to the dates for weather delays for the first 5 days of weather delays. Following the first 5 days of weather delays, when weather prevents Contractor from continuing Work for a full day, deadlines for Substantial and Final completion shall be extended by the number of days of the delay caused by weather. In the event of a dispute, the County Project Manager shall determine whether there is a weather delay on a specific day.

- In the event of a delay in delivery of Owner supplied equipment or materials, the deadlines for Substantial and Final completion shall be extended by the number of days of the delay.
- Owner shall pay contractor \$5,000 for each day prior to the date specified for Substantial Completion (as duly adjusted pursuant to the Contract) that the work is substantially complete. The maximum value of the bonus shall be limited to \$100,000.
- Section 7, regarding domestic partnership benefits has been removed

Changes have been highlighted in gray.

5. General Conditions of Contract

Changes include the following:

- Section 45, Domestic Partnership Benefits is no longer applicable, and
- Section 47, Minimum Wages is no longer applicable.

6. Supplementary Conditions of Contract

Changes include the following:

- Section 2, Contractor Wage Affidavit is no longer applicable.

7. Equal Benefits Compliance Payment Certification Form

Certification form is no longer required for final payment.

8. Section 01 11 00 Summary of Work

The following updates were made to this section:

- Controls of flare system package to be done by Owner
- Piping and wiring interconnection between flare operations and rest of system operations to be done by Contractor
- Loop-check and training for flare package to be done by Owner
- Owner will NOT construct the stormwater detention basin and all necessary control structures.
- Owner may be able to give Contractor approval to order long lead items prior to Start of Work in order to expedite the schedule
- Clarified that all equipment and site work including concrete slabs inside of the Gas Cleaning Equipment footprint is supplied by the Owner. Concrete slabs for all equipment outside of the Gas Cleaning Equipment footprint is supplied by the Contractor.
- Revised Project work hours
- Revised Substantial Completion date to November 16, 2018

Changes have been highlighted in gray.

9. Section 01 22 00 Measurement and Payment

Updated to include Bid Item 141 – Stormwater Detention Basin. Changes have been highlighted in gray.

10. Section 23 05 00 Basic HVAC Requirements

Updated to include submittal requirements for the new sections added (23 74 23.13 and 23 81 45).

11. Section 23 74 23.13 Gas Fired Make-Up Air Units

Added to Project Manual.

12. Section 23 81 45 Variable Refrigerant Volume Heat Pumps

Added to Project Manual.

13. Section 26 05 73 Power System Study

Revised to fix cosmetic issue with an image overlapping the footer in Section 3.3.

14. Sheet G100 – Revise as shown on reissued drawing

Added Control Point CP304, removed Control Point CP300.

15. Sheet C102 – Revise as shown on reissued drawing

Relocated Water Supply Well, revised non-motorized gate north of Maintenance Building from 24' to 20'.

16. Sheet C103 – Revise as shown on reissued drawing

Updates to infiltration devices, outlet control structure, erosion matting.

17. Sheet C110 – Revise as shown on reissued drawing

Added heat exchanger pad coordinates.

18. Sheet C111 – Revise as shown on reissued drawing

Updates to infiltration devices, drainage ditch.

19. Sheet C112 – Revise as shown on reissued drawing

Added blower/flare control panel concrete pad.

20. Sheet C121 – Revise as shown on reissued drawing

Relocated water supply well, added second gas pipe from decant panel to compression building, added cathodic protection note.

21. Sheet C122 – Revise as shown on reissued drawing

Removed HDPE landfill gas supplemental supply/return lines.

22. Sheet C131 – Revise as shown on reissued drawing

Updated bollard detail callout.

23. Sheet C201 – Revise as shown on reissued drawing

Added cathodic protection note.

24. Sheet C202 – Revise as shown on reissued drawing

Added cathodic protection note.

25. Sheet C503 – Revise as shown on reissued drawing

Revised stormwater outlet control, added ditch detail.

26. Sheet C504 – Revise as shown on reissued drawing

Revised storm drain inlet protection detail.

27. Sheet C506 – Revise as shown on reissued drawing

Removed access riser detail.

28. Sheet C507 – Revise as shown on reissued drawing

Added BIOFerm water supply connection.

29. Sheet C508 – Revise as shown on reissued drawing

Added heat trace to condensate sump.

30. Sheet C509 – Revise as shown on reissued drawing

Added heat trace to condensate sumps.

31. **Sheet C510 – Revise as shown on reissued drawing**
Revised water supply well detail.
32. **Sheet C511 – Revise as shown on reissued drawing**
Revised water tank detail.
33. **Sheet C512 – Revise as shown on reissued drawing**
Revised size of non-motorized gate.
34. **Sheet C515 – Revise as shown on reissued drawing**
Revised control panel concrete pad size.
35. **Sheet E000 – Revise as shown on reissued drawing**
36. **Sheet E050 – Revise as shown on reissued drawing**
37. **Sheet E100 – Revise as shown on reissued drawing**
38. **Sheet E103 – Revise as shown on reissued drawing**
39. **Sheet E110 – Revise as shown on reissued drawing**
40. **Sheet E111 – Revise as shown on reissued drawing**
41. **Sheet E112 – Revise as shown on reissued drawing**
42. **Sheet E113 – Revise as shown on reissued drawing**
43. **Sheet E400 – Revise as shown on reissued drawing**
44. **Sheet E500 – Revise as shown on reissued drawing**
45. **Sheet E600 – Revise as shown on reissued drawing**
46. **Sheet E700 – Revise as shown on reissued drawing**
47. **Sheet M001 – Revise as shown on reissued drawing**
Multiple revisions.
48. **Sheet M050 – Revise as shown on reissued drawing**
Sheet notes added.
49. **Sheet M100 – Revise as shown on reissued drawing**
Keynote identifying scavenge fan inlet requirements added.
50. **Sheet M101 – Revise as shown on reissued drawing**
Relief hoods added, louver resized and section added.
51. **Sheet M102 – Revise as shown on reissued drawing**
Natural gas piping added.
52. **Sheet M103 – Revise as shown on reissued drawing**

Mechanical layout revised, MAU and associated supply ductwork added, and natural gas piping added.

53. Sheet M300 – Mechanical Detail

Sheet added to plan set.

54. Sheet M550 – Revise as shown on reissued drawing

Removed HDPE landfill gas supplemental supply/return lines, added natural gas supply line to BIOFerm.

55. Sheet M600 – Revise as shown on reissued drawing

56. Sheet M650 – Revise as shown on reissued drawing

57. Sheet A101 – 1st Floor Layout

Sheet added to plan set.

58. Sheet S100 – Revise as shown on reissued drawing

Revised fire wall to extend along grid A4 to match A101.

59. Sheet S110 – Revise as shown on reissued drawing

Revised fire walls along grid A4 to match A101.

60. Sheet S201 – Revise as shown on reissued drawing

Revised mechanical louver to be on North elevation.

61. Sheet S202 – Revise as shown on reissued drawing

Revised location of mechanical louver on West elevation.

62. Sheet S204 – Revise as shown on reissued drawing

Revised size of mechanical louver on East elevation.

63. Sheet T601 – Revise as shown on reissued drawing

Revised to include credential reader.

Addendum No. 2 (to be issued) will include responses to all contractor questions received as of the last date questions were accepted.

If any additional information about this Addendum is needed, please call John Welch at 608/516-4154, Welch@countyofdane.com.

Sincerely,

John Welch

Project Manager

Enclosures:

Attachment No. 1 – AutoCAD files for cut/fill volume assistance, revised 4/8/18

Attachment No. 2 – Pre-Bid Meeting Minutes

Attachment No. 3 – BIOFerm Crane Mobilization Drawings, revised 4/18/18

Addendum No. 1 – Specification Package, revised 4/18/1

Addendum No. 1 – Construction Plan Set, revised 4/18/18

PRE-BID MEETING AGENDA

BID NO. 317049
BIOGAS FACILITY CONSTRUCTION
DANE COUNTY LANDFILL SITE #2
7102 U.S. HIGHWAY 12 & 18, MADISON, WI
THURSDAY, APRIL 12, 2018 @ 10:00 AM

- Introduction – sign in
- Description of Work
 - Civil site work (i.e. grading, utility piping, water well construction, building construction, stormwater control measures, etc.).
 - *14-16 week lead time for metal buildings*
 - Mechanical site work (i.e. HVAC, equipment installation and piping, etc.).
 - Electrical site work (i.e. equipment, hardware, piping, testing, lighting, etc.).
 - Technology site work (i.e. telecommunications, piping, equipment, hardware, etc.).
- Construction schedule
 - Commencement: June 18, 2018
 - *Notice to proceed to be issued prior to commencement*
 - *Long Lead Item Delivery Schedule*
 - *Blower/flare package – 20 weeks*
 - *Heat exchanger – 24 weeks*
 - *Trailer Offload Station (Decant, boilers, compressors, etc) – 20-22 weeks*
 - *Metering skids - TBD*
 - Substantial Completion: November 16, 2018
 - Substantially complete means any start-up or commissioning required for operation is complete, final walk through completed, development of punch-list, and final planting, seeding and mulching completed.
 - Final Completion: November 23, 2018

NOTE: Liquidated damages and incentive payment in Sample Construction Contract

- Bid Opening on Tuesday, April 24, 2018 at 2:00 p.m. at Public Works office, 1919 Alliant Energy Center Way, Madison WI 53713
- Plans, Specifications, and Addenda available on the Dane County Public Works website (bids-pwht.countyofdane.com) for free download.
- Addenda
 - Addendum No. 1 will address various discrepancies in the bid documents.
 - Timeline for questions – last day to submit is April 13, 2018.
 - Timeline for addenda – last day to issue addenda is April 17, 2018.

- Dane County Protocol
 - General conditions of the contract, general requirements of the project.
 - ESB (*ITB-4 & GC-19*)
 - BVC
 - *Domestic Partner Benefits (GC-19)*
 - Payments, retainage, etc.
- Include with bid:
 - Signed Bid Form – acknowledge all addenda
 - Fair Labor Practices Certification form
 - 5% Bid Bond
 - Project Experience / Reference Summary
 - *Provide a write-up, there is no form*
- Before award:
 - Submittals on proposed substitutions
 - Must be a *paid registered vendor* with Dane County
 - www.danepurchasing.com
 - 608/266-4131
- Submittals required once contract is awarded
 - Insurance with “Dane County” listed as additional insured
 - 100% Performance/Payment Bond are required
 - Subcontractors list including fax, phone, and email
 - Signed NTP
 - Product data, including any substitutions
 - Schedule of values and AIA Pay Request Form
- Or equal clause
 - Substitutions will be reviewed prior to Bid Opening if received 10 days before Bid Opening
 - Decisions on submittals made later than 10 days prior to Bid Opening may not be made prior to Bid Opening.
- Work by Owner: all permitting requirements, rough grading (within 6” of subbase grades), biogas cleaning equipment, electrical service from main to transformer, natural gas from main to meter, landfill gas collection and control system tie-in (including manhole), monitoring well abandonment and replacement, communication splice and tie-in, SCADA system, two (2) computers, concrete and asphalt testing, blower and flare procurement, off-loading station procurement, and metering skid instrumentation procurement (outlined in Section 01 11 00 – Summary of Work).
- Must comply with City of Madison Noise Ordinance (24.08) – Construction noise allowed between 7 AM – 7 PM Monday thru Saturday and 10 AM - 7 PM on Sunday.
- Parking and storage is available on site
- Project security/safety – public, traffic, methane, other construction (liner and cap work).
- Questions on procedure or requirements

- Site tour

- *Miscellaneous Notes*

- *County to provide selected contractor with a gate key*
- *A maintenance entrance is located off of Highway AB*
- *Contractor can dispose of waste into landfill at no charge (contractor responsible for providing dumpster)*
- *No Smoking*
- *Be respectful to the public*
- *Other construction:*
- *Liner/CAP*
- *LFG Cleaning Facility*

PRE-BID MEETING ATTENDANCE SHEET

**BID NO. 317049
BIOGAS FACILITY CONSTRUCTION
DANE COUNTY LANDFILL SITE #2
7102 U.S HIGHWAY 12 & 18, MADISON, WI
THURSDAY, APRIL 12, 2018 @ 10:00 AM**

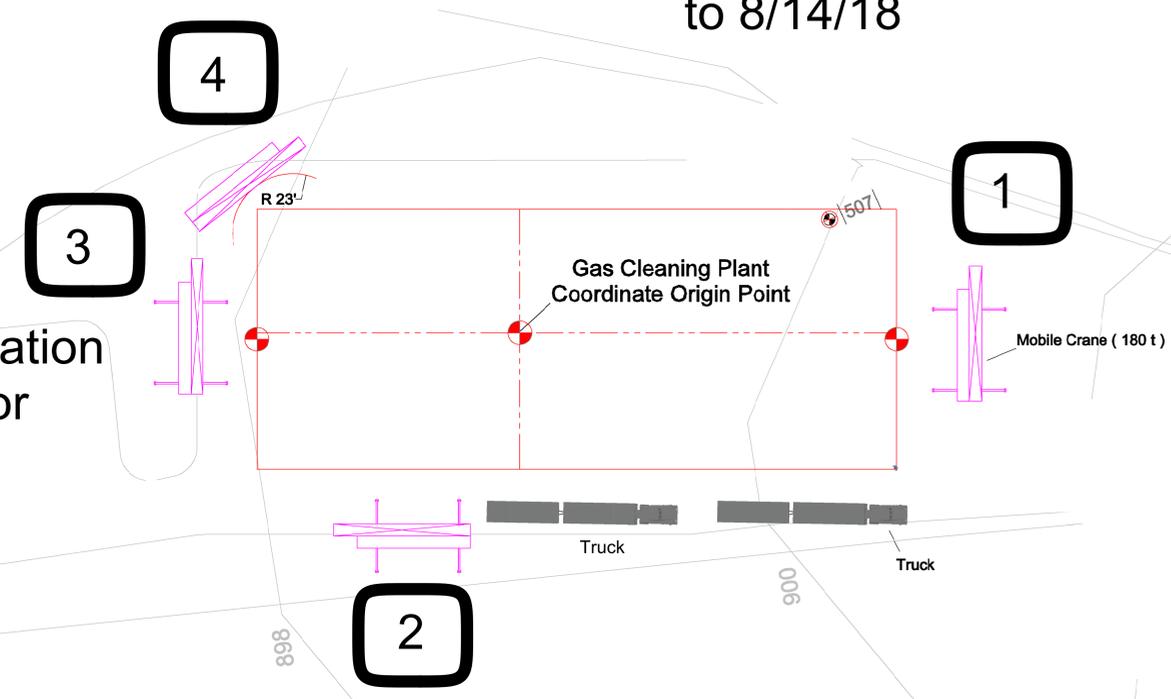
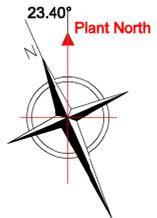
NAME	COMPANY	PHONE	E-MAIL
Jeff Johnson	Paar Eng.	608-341-8252	Jeff.johnson@paarcorp.com
Mike Bogacz	August Winter & Sons	920-739-8881	mbogacz@augustwinter.com
Buck Newholm	Michels Corp	920-539-3858	mnewholm@michels.us
Jared Gipp	Michels Corp	920-638-3338	jgipp@michels.us
Eric Headington	Affiliated Construction Services	608-663-2908	eheadington@acscm.com
Jason Rieth	Miron Construction Co. Inc	715-841-4029	Jason-rieth@miron-construction.com
Jacob Cates	Daniels Construction	608-271-4800	jcates@danielsco.com
Eric Christensen	R.G. Huston Co, Inc	608-255-9223	estimating@rghuston.com

The crane placement will not be permanent: Erection work on the site will start on the east side and progress to the west. For the west side work, this crane will be placed at the location shown for approx. three weeks:

crane placement (2) work will start approx. 8/14/18 to 8/21/18 (1 week)
 crane placement (3) work will start approx. 8/21/18 to 8/28/18 (1 week)
 crane placement (4) work will start approx. 8/28/18 to 9/4/18 (1 week)

the cranes exact location will require coordination with Dane County and the adjacent contractor

The crane placement will not be permanent: Erection work on the site will start on the east side and progress to the west. For the east side work, this crane (1) will be placed at the location shown for approx. three weeks. Work will start approx. 7/24/18 to 8/14/18



Site Plan - 2018.01.21 - Sheet 02

NO.	REVISION	DATE	CONFIDENTIAL WORK COPYRIGHT	BIOFERM™ ENERGY SYSTEMS	Carbotech	SHEET TITLE	PROJ. NO.	DATE		
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