



CITY OF ALBANY  
Public Works Department

ADDENDUM #1

**SS-20-01 and SS-20-02, AM-WRF Compost and Dewatering Improvements**

In order to clarify the intent of the Specifications and Drawings, the following provisions are provided and shall be considered part of the contract documents.

In order to ensure all bidders are aware of these provisions, each bidder must sign this addendum below and attach it to the proposal.

**IMPORTANT: Failure to include a signed Addendum could result in the disqualification of your bid.**

**ADDITIONAL INFORMATION**

- As-builts for the plant have been posted to the website
- The Geotechnical report has been posted to the website
- Provided in Attachment 1 is the list of bidders who attended the mandatory pre-bid walkthrough.

**CLARIFICATIONS**

Attachment 2 is a table of the questions received during the bid and the associated responses.

**CHANGES TO THE BID DOCUMENTS**

The quantities for bid items A-3 and B-3 were reversed. The schedule of contract prices sheet was replaced.

**CHANGES TO APPENDIX A: TECHNICAL SPECIFICATIONS**

Item AD1-1

Section 01500: Construction Facilities and Temporary Controls

- a. Change the second sentence of paragraph 1.02 A. regarding time duration for temporary dewatering facilities as follows:

“The temporary biosolids dewatering facilities shall be provided for the time duration specified in Section 01010 ~~04500~~ and shall be suitable for 24-hour continuous operation.”

Item AD1-2

Section 09960: High Performance Coatings

- a. Change paragraph 1.05 E. that specifies minimum qualifications for the individual provided by the Contractor to perform quality control tasks as follows:

“E. The specified quality control tasks shall be performed by an individual who has been properly trained and has a minimum of 5 years’ experience. The Contractor shall provide the Owner documentation indicating that the individual designated to perform quality control has received training similar to NACE CIP Level 3, SSPC PCI Level 2, or SSPC - CAS LEVEL II, and has a minimum of 5 years field experience.

Item AD1-3

Section 11350: Compost Mixer

- b. Change Discharge Conveyor Design Requirements shown in paragraph 1.02 B as follows:

Item	Value
Type	Belt Conveyor
Capacity, yd <sup>3</sup> /min	3
Maximum Power, HP	15
Length, ft	48
<u>Incline angle, maximum, degrees</u>	<u>22</u>
Discharge height, ft	<u>10</u> <del>12</del>

Item AD1-4

Section 13501: CASP Composting System

- c. Change fan motor requirements in paragraph 2.03 B. 3.:

“3. Motors: The fan motors shall meet the requirements of Section 11002 and be 460-volt A.C., 60 Hertz, 3-phase, TEFC, premium efficiency, severe duty, and inverter duty rated and shall be provided with space heaters.”

Item AD1-5

Section 15050: Piping, Valves and Accessories

- d. Change HDPE pipe size type in paragraph 2.03 I. 1. c. as follows:

“c. Pipe shall be ~~ductile iron size~~ iron pipe size.”

**CHANGES TO CONSTRUCTION DRAWINGS**

Item AD1-7

Composting Drawing Sheet C-002:

- a. Composting Drawing Sheet C-002 has been replaced. One of the callouts on Detail 7/C-002 was modified.

Item AD1-8

Composting Drawing Sheet M-302:

- a. Composting Drawing Sheet M-302 has been replaced. The flattop manhole shown in Section B/M-302 for the drain sump was replaced to show the required conical type manhole as required by Detail 5/C-001.

Item AD1-9

Composting Drawing Sheet I-015:

- a. Composting Drawing Sheet I-015 has been replaced. 24 VDC power has been added to a few junction boxes.

Item AD1-10

Composting Drawing Sheet I-016:

- a. Composting Drawing Sheet I-016 has been replaced. 24 VDC power has been added to a few junction boxes.

Item AD1-11

Composting Drawing Sheet E-012:

- a. Composting Drawing Sheet E-012 has been replaced. Additional conductors have been added.

Item AD1-12

Dewatering Drawing Sheet C-100:

- a. Dewatering Drawing Sheet C-100 has been replaced. Drawing notes have been modified and added.

Item AD1-13

Dewatering Drawing Sheet D-211:

- b. Dewatering Drawing Sheet D-211 has been replaced. A new keynote has been added.

Item AD1-14

Dewatering Drawing Sheet S-212:

- a. Dewatering Drawing Sheet S-212 has been replaced. Leadered notes on Section B/S-212 and Section D/S-212 have been changed.

Item AD1-15

Dewatering Drawing Sheet M-211:

- a. Dewatering Drawing Sheet M-211 has been replaced. A new keynote has been added.

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Contractor's Signature

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Date

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Company Name *(please type or print)*

**Attachment 1:  
Mandatory Site Visit Attendees**

<b>Company</b>	<b>Date of Visit</b>	<b>Representative</b>
R.L. Reimers	2/17/21	Dave Samson
JW Fowler	2/19/21	Dick Mcelligott
Jet Industries	2/24/21	Jeff McClain
Wildish	2/26/21	Spencer Lemmon
Slayden	3/1/21	Jim Hoffman
Stettler Supply	3/3/21	Chris Dunmire
Pacific Excavation	3/5/21	Nathan Swan
McClure and Sons	3/8/21	Pat Randals
Stellar J	3/10/21	Ed Hagedorn
EC Electric	3/12/21	Steve Babcock

SS-20-01 SS-20-02 AM-WRF Compost and Dewatering Improvements  
Bidders' Question Log

Question No.	Entity Posing Question	Date	Drawing / Spec Section	Facility / Location	Question	Responder	Date	Response
1	Slayden	3/3/2021	C-101 NOTE 7		Will the contractor be responsible for providing erosion control drawings, as well?	City	3/5/2021	Contractor to provide Erosion Prevention and Sediment Control plan and obtain permit from the City of Albany as specified in Section 01140 and further described in Item No. A-2 – Erosion Prevention and Sediment Control of Section III of the Special Provisions.
2	Slayden	3/3/2021	Sec 02300 1.06A		Can the geotechnical investigation report by Foundation Engineering be provided for review?	City	3/5/2021	Posted to the city bid website
3	Slayden	3/3/2021	SHTS. S-001 and M-302	Composting Building	Sht. S-001 Concrete Note 7 says to concrete encase all pipes and conduits under slabs and footings. However, Sections A & B on Sht. M-302 show the trench/ CASP system concrete encased but the 4" drain below not encased. Is this 4" drain pipe to be concrete encased? Please Advise	KJ	3/5/2021	This drain shall not be encased.
4	Slayden	3/3/2021	Sec. 03150 sht. S-301	Composting Building	Sht. S-301 shows a solid line parallel to Grid B and 5'1" from the South edge of the slab. It's Marked top of slab elevation 201.00. Does this line represent a construction joint in the slab? The remaining distance northerly of the slab would then be under the 50' distance between joints called for in Spec. 03150, 3.01 C.6. Or is the overall slab dimension of 54' 11" acceptable without a construction joint in the East / West direction? Please advise.	KJ	3/5/2021	The line 5'-1" from the south edge of the slab is the end of the slope down from 201.16', not a construction joint. The Composting Building slab may be placed without construction joints in the 54'-11" direction.
5	Slayden	3/3/2021	Detail 7 - Sht. C-002	Civil Dtls.	Is the 2" x 8" callout for the straight header board rails correct?	KJ	3/5/2021	The callout on the straight section should be 2" X 4" to match the curved section.
6	Slayden	3/3/2021	Sht. D-201	Civil Work	Are there as-builts, or dimensioning available for the precast trench referenced in Key Note 12?	KJ	3/5/2021	The precast utility trench is shown on the January 2000 Biosolids Dewatering and Storage Facility drawings. Please specifically see plan drawing DB-1S and Section G/CS-4. Specific dimensions are not called out. However, a bottom of trench elevation high point elevation of 201.00 is shown with trench sloping away at 0.002%. As-builts have been posted to the City bid website.
7	Slayden	3/3/2021	Schedule of Contract Prices		Item No. A-3 and Item No. B-3 appear to be swapped. There is significantly more AC paving in the composting improvements than in the dewatering improvements.	City	3/5/2021	That is correct. These bid items were swapped.
8	Slayden	3/3/2021	Sht. C-111	Fire Hydrant	Note 8. Where is the water line that is feeding the fire hydrant that is to be relocated?	KJ	3/5/2021	The existing 6" 3W line is shown on Sheet C-121.
9	Slayden	3/3/2021	S-212	Roof Joists	Detail B calls out for a PT 2x6 in each bay of existing joists, how many bays are in the existing roof?	KJ	3/5/2021	The intention was for each bay to be 2'-8" joist spacing as shown on the Record Drawings, though there are three double bays the designer did not account for that make this accounting somewhat unclear. To clarify, provide 29 braced locations at the center wall and 10 braced locations at the outer wall, approximately equally spaced.
10	Stellar J	3/5/2021	Specification 09960	Coating Inspection	Paragraph 1.05 E. Contractor Quality Control Requirements requires that the Contractor's quality control tasks be performed by an individual who has received training similar to NACE CIP Level 3, SSPC PCI Level 2, and, has a minimum of 5 years field experience. Does this mean that 3rd party coating inspection must be provided?	KJ	3/5/2021	No. Third party inspection is not required. It is expected that the Contractor's coating subcontractor will provide QC personnel meeting the specification requirements. (Note: Please see subsequent questions related to this topic and requirements for QC qualifications.)
11	Jet Industries	3/5/2021	Specification 08330	Overhead Coiling Doors	Please confirm that Section 08330 Overhead Coiling Doors doesn't call for an explosion proof operator.	KJ	3/5/2021	Confirmed. Explosion proof overhead coiling door is not required.
12	Jet Industries	3/8/2021	E-011	Composting Building	Is the City of Albany going to provide field coordinates for the underground stub ups for the instruments and junction boxes shown On the composting print E-011?	KJ	3/8/2021	No. The coordinates for the composting building corners are shown on the horizontal control and paving plan. Dimensions of the concrete pad for the electrical panels for the composting system are shown on the structural drawings. Dimensions locating the various mechanical equipment are shown on the mechanical drawings. The electrical sub will have to field coordinate exact locations of electrical stub ups with the Contractor and equipment mnfr's.
13	Pacific Excavation	3/10/2021	Section A/S-212	Cake Storage Building	Section A/S-212 calls for 1/4" x 6" plate at 3" on center over 19' span. Is this correct?	KJ	3/10/2021	Yes.
14	Stellar J	3/11/2021	Specification 09960	Coating Inspection	Is SSPC - CAS LEVEL II adequate for the coating QC qualifications required by paragraph 1.05 E? CAS is a certification for painters in the field. It is an acronym for Coating and Application Specialist. It's a certification that is strictly for industrial painters. It highlights training in proper preparation, application, and testing. It would be almost impossible to have a NACE level 3 out performing the work. If this is not possible can there be an addendum for a third party inspector?	KJ	3/12/2021	SSPC - CAS Level II is acceptable.
15	HD Fowler	3/11/2021	Specification 15050-203.I.1.c	Composting	The specification calls for HDPE to be ductile iron pipe size. This is hard to get on the West Coast. Can iron pipe size be used instead?	KJ	3/11/2021	Yes iron pipe size for HDPE pipe is acceptable (and is preferred).
16	HD Fowler	3/11/2021	Type E Utility Station Detail / M-002	Composting	What is the inlet and outlet size of the TYPE E UTILITY STATION yard hydrant ?	KJ	3/11/2021	Details calls for Woodford-Iowa Model YI which comes standard with 1-inch inlet and 3/4-inch hose fitting. These sizes will be required.
17	ECS	3/11/2021	VFDs/Controls	Composting	First, the VFDs are specified to be supplied separately. Normally we supply them and program them. Since the controls are different for this project, we could have the Contractor supply them instead, preference?	KJ	3/11/2021	This question is unclear. The Contractor will be providing VFD's. Please let us know if more information is needed.
18	ECS	3/11/2021	Junction Boxes (JB3101 – JB3105)	Composting	Junction Boxes (JB3101 – JB3105) require 24VDC power to be supplied. We assume the 24VDC is being supplied by the Composting RIO, please confirm.	KJ	3/11/2021	24DC power is being provided to JB3101-JB3105. It is not being provided to JB3105. Is this needed?
19	ECS	3/11/2021	Fan Motors	Composting	Are heaters required for the Fan motors?	KJ	3/11/2021	Yes. Motor heaters are required. Shown on wiring diagram E-021. This will be added to Section 13501.

SS-20-01 SS-20-02 AM-WRF Compost and Dewatering Improvements  
Bidders' Question Log

Question No.	Entity Posing Question	Date	Drawing / Spec Section	Facility / Location	Question	Responder	Date	Response
20	Slayden	3/12/2021	Specification 01010	Cake Storage Building	Contractor is to clean work areas, however will the Owner remove cake from the storage area prior to work beginning in this area?	City	3/15/2021	Owner will remove cake from the storage area and will hose down the concrete
21	Slayden	3/12/2021	A-001	Note 4	There aren't any fire extinguisher shown in architectural drawings. Will any be required?	KJ	3/15/2021	Provide one 18 lb. 4A60BC fire extinguisher with wall mount bracket in the East Bay of the Cake Storage Building. Mount adjacent to personnel (Door Number 1) 40 inches above finished floor elevation.
22	Slayden	3/12/2021	A-211/D-211	Cake Storage Building	After walking the site, there is T-111 siding currently in place of where the Kalwall windows are being installed that is not shown on the demo drawings. Is the contractors responsible to remove the existing siding?	KJ	3/15/2021	Yes, the Contractor is responsible for demolishing an approximately 4 feet high by 40 feet long band of T-111 siding with associated wood support framing at the top of the existing concrete wall of the East Bay of the cake storage building. Coordinate with new work shown on South Elevation on Drawing A-211.
23	Slayden	3/12/2021	S-3170 SHT S-003	Cake Conveyor Apron	Are the 1" deep sawcut or tooled control joints to be filled with sealant?	KJ	3/15/2021	Apply sealant unless otherwise noted per Section 03150 Par. 3.01.B.3.
24	Slayden	3/12/2021	S-301, Note 2	Composting Building	Are the Control Joints 10' on center to be sawcuts or hand tooled and how deep into the slab?	KJ	3/15/2021	Control joints may be either sawcut or tooled per Section 03150 Par. 3.01.B. Provide 1" joint depth similar to Detail S-3170 Drawing S-003 of the Dewatering project drawing set.
25	Slayden	3/12/2021	C-100, Note 5	Headworks	Per Note 5, can you show the location of the Boiler Room in the Headworks Building where we are to connect a temporary 3W line?	KJ	3/15/2021	3W water for the temporary biosolids dewatering system may be accessed at the north end of the lower level of the existing Headworks Building. There is an existing 1 1/2 inch utility water station with quick connect that may be used. If larger supply size is needed, there are 2-inch and 3-inch 3W supply lines also within the north end of the lower level of the Headworks Building. These lines will require the Contractor to insert connection points into the existing piping. Contractor will be responsible for restoring the piping system to original or better condition after the 3W connection is no longer needed for temporary dewatering.
26	Slayden	3/12/2021	C-111 & M-302	Drain Sump	Should the drain sump be a flat-top manhole as opposed to a conical-top manhole?	KJ	3/15/2021	The drain sump should be a conical type manhole. Per the City Standards, conical manholes are required for manholes deeper than 5 feet (See Detail 5/C-001) . The project's drain sump manhole shown on C-121 is greater than 5 feet deep and therefore, the drain sump on M-302 should be a conical-top manhole and not the flat-top manhole shown.
27	Slayden	3/12/2021	M-201	Dewatering Building	Where will hose stations be located? 1-1/2" 3W at North and South ends of screw presses aren't shown connecting to anything. Are these for hose stations? Upper Level? Lower Level?	KJ	3/15/2021	Yes, the 1.5 inch 3W lines shown at the north and south end of the screw press support structure on the Dewatering Building Partial Bottom Plan on Drawing M-201 serve the utility stations shown on the Dewatering Building Top Plan on M-200.
28	ECS	3/15/2021	Specification 11350	Composting	We saw 35° in the conveyor spec, and think the material might start sliding backwards. Typically we suggest 20-24°.	KJ	3/15/2021	Yes, the discharge conveyor requirements will be updated to reflect a maximum incline angle of 22 degrees.
29	Schwing	3/15/2021	Specification 01500	Temporary Solids Dewatering	The bid specs detail a required output for the dewatering equipment to be 1,200 dry lbs/hour. How many dewatering units are required? Is each of the dewatering units required to perform at the full capacity of 1,200 dry lbs/hour?	KJ	3/15/2021	Minimum equipment requirements are per Specification Section 01500. There is no requirement on the number of units, provided performance criteria outlined in this section are met. However, please note the amount of space to be provided for temporary dewatering as shown on the drawings. The value of 1,200 dry lbs/hr is the total required capacity for the temporary solids dewatering system. There is no specific requirement for redundancy. However, Section 01500 specifies a minimum spare parts inventory to be onsite and also includes limits on allowable downtime before an alternate/equivalent means of solids dewatering/hauling must be provided.
30	Schwing	3/15/2021	Specification 01500	Temporary Solids Dewatering	What type (brand, model number) of polymer does the facility use today? What quantity of polymer does the facility use today?	City	3/15/2021	The City's current biosolids dewatering system uses dry polymer (Clarifloc C-3291 from SNF Polydyne). During an 18 month period spanning 2019 through the end of 2020 on average the City used approximately 1,000 dry lbs of polymer per month. Please note however that past use is no indication of actual polymer requirement for the temporary dewatering system and that it will be the Contractor's responsibility to provide polymer needed for the temporary biosolids dewatering facility regardless of the amount actually needed.
31	Schwing	3/15/2021	Specification 01500	Temporary Solids Dewatering	Please confirm it will be the Contractor supplying the enclosure for the temporary biosolids dewatering facility and not the supplier of the temporary biosolids dewatering facility.	KJ	3/15/2021	This is to be coordinated with the bidding Contractors.
32	Schwing	3/15/2021	Specification 01501	Temporary Solids Dewatering	Please confirm the estimated time frame that the temporary dewatering equipment will be needed for this project.	KJ	3/15/2021	Time duration for temporary biosolids dewatering facilities will be dependent upon the Contractor's construction schedule but at a minimum must extend for the period of time specified in Section 01010.
33	ECS	3/15/2021	Junction Boxes (JB3101 – JB3105)	Composting	A further clarification, 24VDC is required to be supplied to JB3101 through JB3105. It is required for damper actuator motors, irrigation solenoids, and to power the electronics in the JB's that convert sensors to 4-20mA outputs.	KJ	3/15/2021	Yes 24 VDC will be supplied.

**SCHEDULE OF CONTRACT PRICES**  
**SCHEDULE A: COMPOSTING IMPROVEMENTS**

ITEM NO.	BID ITEMS	APPROX. QUANTITY	UNIT OF MEASURE	UNIT PRICE DOLLARS/CTS	TOTAL AMT. DOLLARS/CTS
A-1	Mobilization	1	Lump Sum		
A-2	Erosion Prevention and Sediment Control	1	Lump Sum		
A-3	Asphalt Paving	1,720	Ton		
A-4	Construct Composting Improvements	1	Lump Sum		
A-5	CASP Composting System	1	Lump Sum		
<b>Sum of Extended Total Schedule A</b>					

**SCHEDULE OF CONTRACT PRICES**  
**SCHEDULE B: DEWATERING IMPROVEMENTS**

B-1	Mobilization	1	Lump Sum		
B-2	Erosion Prevention and Sediment Control	1	Lump Sum		
B-3	Asphalt Paving	100	Ton		
B-4	Construct Dewatering Improvements	1	Lump Sum		
B-5	Rotary Screw Presses	1	Lump Sum		
<b>Sum of Extended Totals Schedule B</b>					
<b>SUM OF SCHEDULES A AND B</b>					

***NOTE: Subject to change if addition or extensions are in error.***

_____ Bidder's Signature	_____ Company Name <i>(please print)</i>	_____ Date
_____ Bidder's Name <i>(please print)</i>	_____ Mailing Address <i>(please print)</i>	_____ CCB License Number
_____ Bidder's Title <i>(please print)</i>	_____ City, State Zip	_____ Federal Tax ID Number
Telephone No.: _____	Fax No.: _____	Email: _____