31 January 2024

Bidding Question and Responses, Memo 1

To: Scott Collins, P.E.

From: Michael Lubovich

Subject: Bidding Questions Prior to Addendum 1
Biosolids Handling Facilities and Odor Control Improvements
K/J 2197015.00

No.	Question	Response
1	Can you Provide us with a complete instrument list that captures all of the tagged instruments shown in the drawings?	Attached to this Memo is the revised Instrument List
2	Our equipment is not named in the specification, can we request to have it added to the specification?	Specification section 00412 has been included in Addendum 1. This document requires all bidders to include named manufacturers for specific equipment identified in the form in their base bids. As an option, alternative equipment may be identified on the form with a proposed price adjustment for consideration after award.
3	Can we get a copy of the specifications that is unprotected so we can add bookmarks?	A version of the specifications have been provided to the City and can be received upon request.
4	Will the City consider allowing the bids to be submitted via Opengov Procurement?	No, all bids must be submitted to city hall for the public bid opening
5	If bids are hand delivered, will the City consider allowing the 6100-3 and 6100-4 forms due within one hour of the bid to be submitted electronically via email?	Additional project documents 6100-3 and 6100-4 can be submitted electronically

No.	**Question**	**Response**
6	Can we get a copy of the CAD files for site civil work?	CAD files may be provided to the awarded contractor.
7	Where is the Power conduit and cable schedule in the drawings?	Conduit schedules are on each “Power Plan” sheet rather than combined onto a single sheet. There’s a table in the upper right-hand corner of sheets E-1XX through E-6XX.
8	On the Aerobic digester there are some AIT’s that have a signal conduit back to BHB-PCP. The specs show that the transmitters need 120v and no conduits are shown for these. If 120v power is required will the 120v power come the PCP panel off the UPS power?	Yes, all field transmitters needing 120V power will be fed from UPS from the control panel.
9	Will the owner be retaining testing services for compaction testing of subgrade, backfill and paving?	The City will be providing special inspection where required for the work. It will be the Contractor’s responsibility to project upcoming work in the look-ahead to facilitate coordination of these inspections.
10	Can the Bid Schedule be adjusted to narrow down the number of bid items listed?	No, the bid schedule is set up to make grant allocation easier to identify.
11	Can KJ or City post survey that was performed in the lagoons?	KJ will provide City with survey and can be obtained upon request.
12	Is there flexibility in the construction sequence of activities outside of the new biosolids facility and digester.	There are work activities that aren’t constrained to the biosolids facility and digester work. These areas include the headworks, utility water, bioselector, and WAS. Specification 01010.1.06 gives recommendations on work sequence, but this

		sequence can be modified so long that the work is adequately coordinated and work is executed within the constraints identified.
13	Will the Pre-Bid agenda be provided with the addendum?	The Pre-Bid Conference Agenda and optional sign-in list has been attached to Memo 1.

Enclosure(s) (2)

Enclosure 1

INSTRUMENT LIST

Loop: 2702

FIT2702 RAS FLOW 17120 FLOW TRANS
Location: FIELD PID: I-501 Notes::
Range:: Units Setpoint::

Loop: 2725

LIT2725 SURFACE WASTING WETWELL LEVEL 17140 TRANSMITTER
Location: FIELD PID: I-502 Notes::
Range:: Units Setpoint::

Loop: 2741

LIT2741 BIOSELECTOR LEVEL 17140 LEVEL TRANS
Location: FIELD PID: I-501 Notes::
Range:: Units Setpoint::

Loop: 2751

AIT2751 BIOSELECTOR ORP 17110 ANALYTICAL
Location: FIELD PID: I-501 Notes::
Range:: Units Setpoint::

Loop: 6511

FIT6511 WAS PUMP 1 FLOW 17120 TRANSMITTER
Location: FIELD PID: I-701 Notes::
Range:: Units Setpoint::

Loop: 6512

FIT6512 WAS PUMP 2 FLOW 17120 TRANSMITTER
Location: FIELD PID: i-701 Notes::
Range:: Units Setpoint::

Loop: 8112

PI8112 TWAS PUMP DISCHARGE PRESSURE 17150 PRES IND
Location: FIELD PID: I-202 Notes::
Range:: Units Setpoint::

Loop: 8113

FIT8113 TWAS FLOW 17120 TRANSMITTER
Location: FIELD PID: I-700 Notes::
Range:: Units Setpoint::

Loop: 8115

FI 8115 THICKENER 1 W3 FLOW 17120 ROTAMETER
Location: FIELD PID: I-202 Notes::
Range:: Units Setpoint::

Loop: 8321

WIT8321 LIQUID POLYMER TOTE 1 17155 WEIGHT TRAN
Location: FIELD PID: I-201 Notes::
Range:: Units Setpoint::

Loop: 8322

WIT8322 LIQUID POLYMER TOTE 2 17155 WEIGHT TRAN
Location: FIELD PID: I-201 Notes::
Range:: Units Setpoint::

Loop: 8323

WIT8323 LIQUID POLYMER TOTE 3 17155 WEIGHT TRAN
Location: FIELD PID: I-201 Notes::
Range:: Units Setpoint::

Loop: 8511

LIT8511 DIGESTER NO.1 CELL 1 LEVEL 17140 LEVEL TRANS
Location: FIELD PID: I-102 Notes::
Range:: Units Setpoint::

Loop: 8512

LIT8512 DIGESTER NO.1 CELL 2 LEVEL 17140 LEVEL TRANS
Location: FIELD PID: I-102 Notes::
Range:: Units Setpoint::

Loop: 8513

FIT8513 DIGESTED SLUDGE FLOW 17120 TRANSMITTER
Location: FIELD PID: I-202 Notes::
Range:: Units Setpoint::

Loop: 8518

FI 8518 THICKENER 1 W2 FLOW 17120 ROTAMETER
Location: FIELD PID: I-202 Notes::
Range:: Units Setpoint::

Loop: 8521

LIT8521 DIGESTER NO.2 CELL 1 LEVEL 17140 LEVEL TRANS
Location: FIELD PID: I-103 Notes::
Range:: Units Setpoint::

Loop: 8522

LIT8522 DIGESTER NO.2 CELL 1 LEVEL 17140 LEVEL TRANS
Location: FIELD PID: I-103 Notes::
Range:: Units Setpoint::

Loop: 8540

AIT8540 DIGESTER NO.1 CELL 1 DO 17110 ANALYZER
Location: FIELD PID: I-102 Notes::
Range:: Units Setpoint::

PI8540 DIGESTED SLUDGE PUMP 1 SUCTION PRESSURE 17150 PRES IND
Location: FIELD PID: I-203 Notes::
Range:: Units Setpoint::

Loop: 8541

PI8541 DIGESTED SLUDGE PUMP 1 DISCH PRESSURE 17150 PRES IND
Location: FIELD PID: I-203 Notes::
Range:: Units Setpoint::

TIT8541 DIGESTER NO.1 CELL 1 TEMPERATURE 17110 ANALYZER
Location: FIELD PID: I-102 Notes::
Range:: Units Setpoint::

Loop: 8542

PI8542 DIGESTED SLUDGE PUMP 2 SUCTION PRESSURE 17150 PRES IND
Location: FIELD PID: I-203 Notes::
Range:: Units Setpoint::

Loop: 8543

AIT8543 DIGESTER NO.1 CELL 1 TSS 17110 ANALYZER
Location: FIELD PID: I-102 Notes::
Range:: Units Setpoint::

PI8543 DIGESTED SLUDGE PUMP 2 DISCH PRESSURE 17150 PRES IND
Location: FIELD PID: I-203 Notes::
Range:: Units Setpoint::

PI8543 DIGESTED SLUDGE PUMP 2 DISCH PRESSURE 17150 PRES IND
Location: FIELD PID: I-203 Notes::
Range:: Units Setpoint::

Loop: 8550

AIT8550 DIGESTER NO.1 CELL 2 DO 17110 ANALYZER
Location: FIELD PID: I-102 Notes::
Range:: Units Setpoint::

Loop: 8551

AE8551 DIGESTER NO.1 CELL 2 PH 17110 ANALYTICAL
Location: FIELD PID: I-102 Notes::
Range:: Units Setpoint::

AIT8551 DIGESTER NO.1 CELL 2 PH 17110 TRANSMITTER
Location: FIELD PID: I-102 Notes::
Range:: Units Setpoint::

PSH8551 DIGESTED SLUDGE PUMP 2 HIGH DISCH PRESS 17150 SWITCH
Location: FIELD PID: I-203 Notes::
Range:: Units Setpoint::

TIT8551 DIGESTER NO.1 CELL 2 TEMPERATURE 17110 ANALYZER
Location: FIELD PID: I-102 Notes::
Range:: Units Setpoint::

Loop: 8553

AIT8553 DIGESTER NO.1 CELL 2 TSS 17110 ANALYZER
Location: FIELD PID: I-102 Notes::
Range:: Units Setpoint::

Loop: 8560

AIT8560 DIGESTER NO.2 CELL 1 DO 17110 ANALYZER
Location: FIELD PID: I-103 Notes::
Range:: Units Setpoint::

Loop: 8561

AE8561 DIGESTER NO.2 CELL 1 PH 17110 ANALYTICAL
Location: FIELD PID: I-202 Notes::
Range:: Units Setpoint::

AIT8561 DIGESTER NO.2 CELL 1 PH 17110 TRANSMITEER
Location: FIELD PID: I-202 Notes::
Range:: Units Setpoint::

TIT8561 DIGESTER NO.2 CELL 1 TEMPERATURE 17110 ANALYZER
Location: FIELD PID: I-103 Notes::
Range:: Units Setpoint::

Loop: 8563

AIT8563 DIGESTER NO.2 CELL 1 TSS 17110 ANALYZER
Location: FIELD PID: I-103 Notes::
Range:: Units Setpoint::

Loop: 8570

AIT8570 DIGESTER NO.2 CELL 1 DO 17110 ANALYZER
Location: FIELD PID: I-103 Notes::
Range:: Units Setpoint::

Loop: 8571

TIT8571 DIGESTER NO.2 CELL 1 TEMPERATURE 17110 ANALYZER
Location: FIELD PID: I-103 Notes::
Range:: Units Setpoint::

Loop: 8573

AIT8573 DIGESTER NO.2 CELL 1 TSS 17110 ANALYZER

Location: FIELD PID: I-103 Notes::

Range:: Units Setpoint::

Loop: 8611

FIT8611 AEROBIC BLOWER 1 FLOW 17120 FLOW TRANS

Location: FIELD PID: I-101 Notes::

Range:: Units Setpoint::

Loop: 8612

FIT8612 AEROBIC BLOWER 2 FLOW 17120 FLOW TRANS

Location: FIELD PID: I-101 Notes::

Range:: Units Setpoint::

Loop: 8621

FIT8621 AEROBIC BLOWER 4 FLOW 17120 FLOW TRANS

Location: FIELD PID: I-101 Notes::

Range:: Units Setpoint::

Loop: 8622

FIT8622 AEROBIC BLOWER 3 FLOW 17120 FLOW TRANS

Location: FIELD PID: I-101 Notes::

Range:: Units Setpoint::

Loop: 8711

PIT8711 BIOSOLIDS ODOR CONTROL DISCHARGE PRESSURE 17150 PRESS TRANS

Location: FIELD PID: i-401 Notes::

Range:: Units Setpoint::

Enclosure 2

Kennedy Jenks

Meeting Memorandum No. Memo#

Meeting Time:	10:00 am to 12:00 pm	**Page:**	
Meeting Location:	City of Washougal	**Date:**	
Meeting Date:	1/29/2024	**KJ Job No.:**	
Project:			

Kennedy Jenks	*City of Washougal*	*Other*
John Cartwright	Scott Collins	See Pre-Bid Sign in
Michael Lubovich	Ryan Baker	
	Joe Miller	

Agenda and Questions:

Agenda:

1. Meeting with City at Wastewater Treatment Plant
2. Overview of project
3. Site Walk

Lagoon Decommissioning Observations:

- Spec 02150 is lagoon decommissioning Spec.
- Lagoons will need to have Ecology by-off before construction within the lagoon can commence.
- Biosolids testing plan is required for lagoon decommissioning.
- Coordination with operators and plant staff is required before returning the dewatered wastewater back to headworks.
- 3.02.H will require Ecology approval before construction begins in Lagoon 1
- 3.03.E will require Ecology approval before construction begins in Lagoons 2, 3, and 4.
- Lagoon 2 cannot be taken offline until biosolids handling facility has passed startup and commissioning.
- For Lagoon 4 berm opening it will require relocating an existing conduit (Sheet D-004)

Other Construction Observations:

- Flow Diversion of Primary Effluent (Line leaving headworks to ox ditch structure) can only be shut down from Midnight to 3:00am for a two-hour max window. During this time bypass pumping will be required for the entire time the line is down.

Pre-Bid Walk Sign-In (Optional)

Name	Organization	Contact Info
Robert Lyons	HPC-Industrial	360-410-9195
Talbot Kendall	Synagro	209-287-6046
Mark Miller	Synagro	209-287-6064
Rylan Hersey	Tapani Inc.	Quotes@tapani.com 360-687-1148
Pat Randles	MSI	Bids@mcclureandsons.coms
John Pugliaresi	Synagro	650-219-6380 jpugliaresi@synagro.com
Rick Blankenship	JW Fowler	estimating@jwfowler.com
Jeremy Bate	US West Electric	jeremy@Uswestelectric.com
Scott Sarkinen	Rotschy Inc.	estimator@rotschyinc.com
Eric Hunter	Beaver Equipment	erich@beaver-equipment.com
Dick Mcelligott	JW Fowler	estimating@jwfowler.com