



PURCHASING DEPARTMENT
DIVISION OF BUDGET & FINANCE

**PUR-1270
ADDENDUM NO. 3
INVITATION TO BID**

CONOCOCHEAGUE TREATMENT PLANT ENR UPGRADE

DATE: Tuesday, May 10, 2016

BIDS DUE: Wednesday, June 1, 2016
(Revised due date – Addendum No. 3) 2:00 P.M.

To Bidders:

This Addendum is hereby made a part of the Contract Documents on which all bids will be based and is issued to correct and clarify the original documents.

Please acknowledge receipt of this Addendum at the appropriate space on the Proposal Form. This Addendum consists of eighteen (18) pages and three (3) attachments: (1) C-3 Drawing, (2) SM-02 Drawing and (3) Ovivo Agreement.

NOTE: All bidders must enter the County Administration Building through the front door, 100 West Washington Street entrance, and must use the elevator to access the Purchasing Department to submit their bid. Alternate routes are now controlled by a door access system.

ITEM NO. 1: All references in the bid document made to the Bid Submission Deadline shall be changed to read: **No later than 2:00 P.M. (EDST), Wednesday, June 1, 2016.**

ITEM NO. 2: A subsequent Addendum shall be issued with responses to questions and with additional information.

ITEM NO. 3: *Inquiry:* We would like to request an additional one (1) week extension in addition to the revised due date of May 4th, 2016 called out in Addendum One, making a new bid date of May 11, 2016.

Response: Addendum No. 2 has extend the bid due date to May 18, 2016.

ITEM NO. 4: *Inquiry:* As part of the Good Faith effort required by the Contract Documents we are requesting a Complete Bidders List.

(NOTE: The wording of all “Inquiries” submitted are displayed exactly as received.)

100 West Washington Street, Room 320 | Hagerstown, MD 21740-4748 | P: 240.313.2330 | F: 240.313.2331 | Hearing Impaired: 7-1-1

WWW.WASHCO-MD.NET

Response: The Plan Holders List can be found on the County's web site:
<http://www.washco-md.net/purchasing/invitations.shtm>

ITEM NO. 5: *Inquiry:* This project has a very large amount of specialized materials and equipment, most of which is required to be from specified manufactures. These manufacturers have territorial representative networks which may preclude DBE firms which are not currently established in these networks from participating with a commercial useful function. There is also specialty construction such as, but not limited to, the precast post tensioned concrete structures that have limited percentages of work that can be performed by others outside their organizations. Because of these issues, we ask that the amount of specialized equipment and subcontracting be reduced from the bid total when calculating the DBE utilization.

Response: The DBE requirements can't be revised.

ITEM NO. 6: *Inquiry:* The contract included Davis Bacon wage rates do not contain rates for pipefitter and millwright. We request these rates as much of the work will be performed by these trades.

Response: The Department of Labor didn't provide a wage rate for pipefitter or millwright.

ITEM NO. 7: *Inquiry:* Please find attached our application for the Maryland Contractor's license. Is this the correct license required by the county?

Response: Washington County Department of Permitting doesn't require the general contractor to have a license for commercial building construction.

ITEM NO. 8: *Inquiry:* Drawing PM-18 shows a hoist & monorail system over the Post Anoxic Influent pumps and it is also listed in the Design Parameter Table on specicaover ion page 41 22 23-5.

Response: No question asked.

ITEM NO. 9: *Inquiry:* Also on drawing PM-18 there is shown a hoist and monorail over the 24" Plug Valve and 24" Check Valve, however these are not listed on the Design Parameter Table on specification page 41 22 23 -5.

Response: These hoists are intended to be manual hoists (not electrically powered). The referenced hoists in the valve vault over the plug valves and check valves are manual and should be provided and installed in accordance with Section 41 22 23 of the specifications.

ITEM NO. 10: *Inquiry:* The wage rates accompanying addenda #1 do not have any classification for PLUMBING AND MILL WRIGHT Trades. What are we to use for these trades?

Response: The Department of Labor didn't provide a wage rate for plumbing or mill wright.

ITEM NO. 11: *Inquiry:* Section 43 25 13.23 MIXED LIQUOR PUMPS – I do not see these pumps on the drawings anywhere, process, electrical or controls. It reads similisr to the Post Anoxic Influent Pump section 43 25 13.22 with the only exception being these are 30 HP and they are 40 HP, Where are this pumps located?

Response: **DELETE** Section 43 25 13.23 in its entirety.

ITEM NO. 12: *Inquiry:* The documents show Post Anoxic Tanks as precast. Can we install these tanks as cast in place if we include the necessary engineering?

Response: A cast-in-place design will be considered as an alternative during shop drawing review. The shop drawings shall include a design signed and sealed by a registered Maryland Professional Engineer with supporting calculations. Any aspects of the design that change as a result of the C-I-P design will be at the Contractor's expense.

ITEM NO. 13: *Inquiry:* Will you be extending the cut off date for questions since the bid has been extended?

Response: No.

ITEM NO. 14: *Inquiry:* The specification section 432357 Centrifuge Sludge Feed Pumps lists a quantity of one pump (1.2 A. 1.) but drawing PM-58 shows 3 pumps and one additional Centrifuge Feed Pump No 1. Are they different pumps? Where are the additional 3 pumps specified?

Response: The plan on Drawing No. PM-58 shows two existing pumps plus one new pump which matches the specification requirement for one new pump.

ITEM NO. 15: *Inquiry:* Specification section 467633 Centrifuges in 1.1 B. 1. Section 444226.10-Sludge Pumps is called out as a related section. Where is section 444226.10 and is this correct?

Response: Paragraph 1.1.B.1. shall be **CHANGED** to read **“1. Section 43 23 57 – Centrifuge Sludge Feed Pumps”**.

ITEM NO. 16: *Inquiry:* On drawing PM-17 there are two monorail beams shown in the valve vault but the hoist schedule does not list this as an area with a hoist. Can you please specify the hoist or hoists and the size of the monorail beam?

Response: See the response to Item No. 7 to this Addendum.

ITEM NO. 17: *Inquiry:* On PM-17 the support beams and monorail are shown over the pump station. What size are the support beams and the monorail?

Response: The design intent was for the Contractor to provide and install a complete *Freestanding Monorail System* from a single manufacturer. See Section 41 22 23 for specifications.

ITEM NO. 18: *Inquiry:* Where are the mixed liquor pumps being installed? Where is this shown? I noticed they are the exact same pump model listed in the post anoxic influent PS specs except a different HP. Were two specifications included for the same pumps?

Response: **DELETE** Section 43 25 13.23 in its entirety.

ITEM NO. 19: *Inquiry:* Where is the plant drain PS? How many pumps are required for this PS?

Response: The “Plant Drain Pumps” and “Process Sump Pumps” are one-and-the same and are shown on Drawing PM-58 and specified in Section 43 25 13.25.

ITEM NO. 20: *Inquiry:* Can you provide a VTD schedule?

Response: The VFDs are all shown on the PCS Drawings. A schedule is not required.

ITEM NO. 21: *Inquiry:* After reviewing the specifications for the sump pumps, you have 3 listed in the schedule. There is one in the Post Anoxic PS valve vault. Are we supplying this pump or is the owner providing?

Response: On Page 43 25 13-1, in Paragraph 1.2.A. a fourth sump pump location will be added titled “Post Anoxic PS Valve Vault” and it is to have the same design characteristics as three sump pumps already specified.

ITEM NO. 22: *Inquiry:* The bid was extended a week, can the question deadline also be extended?

Response: See the response to Item No. 11 to this Addendum.

ITEM NO. 23: Inquiry: In reference to the upcoming WWTP upgrade, the following address is the location of the project site?

Washington County Division of Environmental Management
16232 Elliott Parkway
Williamsport, MD 21795-4083

Response: Correct

ITEM NO. 24: Inquiry: Drawing PM-5 & PM-6 Headworks Building shows all of the slide gate to be motor operated. Schedule on Drawing PM-63 lists on Gates 1 thru 4 are to be motor operated. Which is correct?

Response: On Drawing No. PM-63, in the Gate Schedule, in the “Remarks” column, **ADD** the following, “See Notes 1 & 2” for Gate Nos. 5 and 6.

ITEM NO. 25: Inquiry: Can the date to ask questions be extended?

Response: See the response to Item No. 11 to this Addendum.

ITEM NO. 26: Inquiry: PM-14, PM-16 show 4” SWAS and MWAS lines. The Equova PIDS show 3” Lines. Which is correct?

Response: The 4” pipes shown on the referenced PM sheets is correct. The Contractor will be responsible for transitioning from the pump discharge as provided by Evoqua to the 4” fittings shown.

ITEM NO. 27: Inquiry: Can details or types of pipe materials interconnecting the Equova Equipment, Non Potable Water, Air Lines, etc in the Biomag Building is not shown in the drawings or the PIDS from Equova. A) Can the pipe materials be listed? B) Are there other lines in the building, not shown in the drawings or the PIDS that need to be installed, such as potable water?

Response:

SWAS – Ductile Iron Pipe

MWAS - Ductile Iron Pipe

Discharge from Screen Sump (above slab) – PVC Schedule 80

Discharge from Screen Sump (below slab) – Ductile Iron Pipe

Shear Mill Feed Pump Discharge - PVC Schedule 80

Shear Mill to Recovery Drum - PVC Schedule 80

Drum Discharge - Ductile Iron Pipe

Ballast Slurry Pump Suction and Discharge - Ductile Iron Pipe

WAS Transfer Pump - Ductile Iron Pipe

Magnetite Fill Pipe – Painted Carbon Steel

Potable Water shall be piped to both the Polymer System and Emergency Shower.

Utility Water shall be piped to the recovery drums.

ITEM NO. 28: Inquiry: PM-20 Surface Wasting Unit Piping. What Type of pipe is it and where does it run?

Response: Surface Wasting Unit discharge piping shall be PVC Schedule 80 interior to the tank and transition to ductile iron piping outside of the Post Anoxic/Reaeration Tank walls.

ITEM NO. 29: Inquiry: PM-21, C-4. Are the ½” Methanol lines in a double containment line? Not listed on either sheet. Can threaded SS pipe be used?

Response: The methanol piping shall be single walled welded stainless steel piping interior to the Methanol Facility. The piping shall transition to a double walled stainless steel piping system as specified in Section 40 23 19 paragraph 2.5 of the specifications leaving the facility and underground.

ITEM NO. 30: Inquiry: G-6 What is the size and type of the fill line?

Response: The methanol fill pipe shall be 3” welded stainless steel.

ITEM NO. 31: Inquiry: S-14 Are the end trusses, the sides, exposed to the elements or enclosed? If so can a detail be provided?

Response: The sides and the ends of the trusses shall be enclosed with a metal panel.

ITEM NO. 32: Inquiry: S-14 Are there any treatments that go on the outside perimeter of the trusses or are they open?

Response: The sides and the ends of the trusses shall be enclosed with a metal panel.

ITEM NO. 33: Inquiry: PM-46 Will the chemical tanks and Lime Silo to be removed be empty?

Response: On Drawing No. PM-46, **ADD**, Note No. 2 to read as follows:
“2 The existing chemical storage tanks are empty.”

The lime silo is approximately ¾ full. The Contractor will be responsible for removal and disposal of the lime in the silo.

ITEM NO. 34: *Inquiry:* C-3, C-8, Profile 2 Line 107 has a Polymer Feed Vault. Line 107 is approximately 23' deep. The detail on PM-64 shows a depth of 7' for the vault. What is intended to be installed on the project?

Response: **DELETE** the referenced Polymer Feed Vault and associated piping.

ITEM NO. 35: *Inquiry:* On sheet ES-01 the text box at the top of the sheet states the excavation qty is about 11,716 CY. Does this qty. include the foundation excavations or is it just general site excavation?

Response: The volume is intended to estimate the excavation for new structures/tanks as well as regrading on the site.

ITEM NO. 36: *Inquiry:* Drawing PM-10 & PM-11 is shown "NEW ANNULAR FLOC BOOSTER AND HOIST" I do not see these itemized on OVIVO's Scope of work. In OVIVIO's scope of work what is the item "Twelve (12) STM Mixers?"

Response: The three (3) new Annular Floc Booster and associated hoists shall be provided and installed by the Contractor. These mixers shall be of the same make and manufacture as the Center Wall Mixers as provided by Ovivo.

The STP Mixers are submerged turbine platform mixers. Two will be installed in each of the pre-anoxic and post anoxic zones for each of the three trains. This sums to 12 mixers in total.

ITEM NO. 37: *Inquiry:* Drawing PM-23 Final Clarifier Influent Splitter Box – show Three (3) 10'-0" Slide gates, Schedule on Drawing PM-63 shows four (4). Which is correct?

Response: On Drawing No. PM-63, in the Gate Schedule, for Gate No. 8, **CHANGE**, the quantity to **3**.

ITEM NO. 38: *Inquiry:* Drawing PM-39 Shows Slide Gate #1 & #2 on the influent to the UV Systems.

- Plan view Effluent end of UV System shows Slide Gates
- Section A-A /PM-39 shows these gates as a Stop Gate.

Drawing PM-63 List these gate as gate # 13 & 14 not identified as such on PM-39. Which is correct?

Response: On Drawing No. PM-39, in Section A-A, **CHANGE**, "Stop Gate" to "Slide Gate" for the note referencing to the UV Channel Effluent Gate. The two UV Channel Effluent Gates are to be self-contained slide gates as identified by Gate No. 14 in the Gate Schedule on Drawing No. PM-63. For

Gate No. 14, **CHANGE**, gate detail to “No. 2”. Note No. 5, changes one side frame to embedded.

ITEM NO. 39: Inquiry: Drawing PM-19 Post Anoxic/Reaeration Tank – There are shown Six (6) – Post Anoxic Mixers. I do not see a specification for these nor list as owner furnished equipment. Please clarify.

Response: See the response to Item No. 34 to this Addendum.

ITEM NO. 40: Inquiry: Does the DBE Information have to be submitted with the bid or can this be submitted by the low bidder prior award? If it must be submitted with the bid, can we submit only the good faith effort check list with the bid & the support documentation can be submitted later?

Response: See the response to Item No. 2 to this Addendum.

ITEM NO. 41: Inquiry: Drawing S-13 shows slab rebar continuing through walls & piers to exterior side. Is this required?

Response: Yes, rebar is to be provided as shown in the sections.

ITEM NO. 42: Inquiry: The gate schedule on PM-63 calls out for two 12” x 12” sluice gates in the RAS PS but PM-35 only has one 12” x 12” gate in the RAS PS. How many 12” sluice gates are required in the RAS PS?

Response: On Drawing No. PM-63, in Gate Schedule, for Gate No. 11, **CHANGE**, the quantity to 1.

ITEM NO. 43: Inquiry: Where are the specified mixed liquor pumps located?

Response: See the response to Item No. 9 to this Addendum.

ITEM NO. 44: Inquiry: Are there specifications for the jib crane shown on PM-30

Response: The jib crane shown on PM-30 is existing and is to remain.

ITEM NO. 45: Inquiry: Are there any specifications for the mud valves?

Response: On Page 40 23 20-13, **ADD**, paragraph 2.34 as follows:

“2.34 MUD VALVES

A. Mud valves shall have an ASTM A-126 cast iron frame and yoke of non-rising stem configuration with a flanged end. Valves shall have a bronze to bronze seat and bronze stem and stem nut. Valve

(NOTE: The wording of all “Inquiries” submitted are displayed exactly as received.)

shall be provided with floor stand and shall be operated by use of extension stems, and stem guides, as specified herein. Floor stands shall be fabricated stainless steel with stainless steel hand crank and valve position indicator. Provide stainless wall mounting bracket for each floor stand.”

ITEM NO. 46: *Inquiry:* Is the fencing at the methanol building the only new fencing?

Response: Yes.

ITEM NO. 47: *Inquiry:* The schedules on SM-2 are not legible.

Response: Sheet SM-02 will be reissued.

ITEM NO. 48: *Inquiry:* Is the monorail and support structure shown on PM-17 & 18 detailed anywhere?

Response: See the response to Item No. 15 to this Addendum.

ITEM NO. 49: *Inquiry:* Are the scum spray nozzles for Final Clarifier No. 3 only? PM-34 indicates "11 per clarifier".

Response: Yes, only for Final Clarifier No. 3.

ITEM NO. 50: *Inquiry:* On drawing PM-23 Final Clarifier Influent Splitter Box there is rectangular weir plate called out. Is this new or existing weir plate? If this is new, where is it specified, what do you want?

Response: Weir plates are new. There is a Detail No. 12 on Drawing No. PM-64. Specification is located in Section 06 60 02.

ITEM NO. 51: *Inquiry:* Specification Page 41 22 23-5 calls for 2 hoists in the centrifuge area and 1 hoist in the Post Anoxic Influent Pump Station. There are no hoists shown on the plans in the centrifuge area and 3 hoists shown on Pg PM-18 in the Post Anoxic Influent PS. Please clarify.

Response: The centrifuge monorail beams are identified on Drawing No. S-27.

ITEM NO. 52: *Inquiry:* I cannot find any approved hoist manufacturers listed. Please clarify.

Response: We don't have hoist manufacturers.

ITEM NO. 53: *Inquiry:* Specification 46 33 46 calls for 2 polymer feed pumps, the plans on sheet PM-51 & PM-55 show 3 pumps. Please clarify.

Response: On Page 46 33 46, Paragraph 1.1.A.1, **CHANGE**, “Two polymer feed pumps...” to read as follows: **“Three polymer feed pumps...”**

ITEM NO. 54: Inquiry: Appendix A includes the Ovivo Proposal for Carrousel System for the modifications to the three (3) existing Oxidation Ditches. Page 16 of 24 of the Proposal indicates the Procurement Schedule for this equipment is as follows: (8) weeks drawings preparation, (4) weeks drawings approval and (28) weeks fabrication and shipping; totalling (40) weeks or 280 calendar days. With a project completion schedule of 540 calendar days, the remaining 260 calendar days does not appear adequate to complete the phased renovations, start-up, testing, and completion of the I&C work associated with this system. Also, per Section 01 14 00.3.1.C.2, the connection of the oxidation ditch effluent lines and the new post anoxic/re-aeration tanks, post anoxic influent pump station, and final clarifier influent splitter box is to follow the renovation of all (3) BNR Tanks. We request the project completion duration be increased to 760 calendar days to allow adequate time for each phase of renovation after the delivery of the Ovivo Equipment.

Response: The pre-purchase of the major equipment will allow for expedited delivery of the equipment to the site. The lead time for equipment delivery will be greatly reduced by the time the contract is awarded to the Contractor.

Ovivo estimates it will ship the equipment in January 2017.

ITEM NO. 55: Inquiry: Specification section 23 80 00 refers to section 23 09 23 Direct-Digital Control Systems for HVAC, however, no such section has been provided. Please issue this section via addendum.

Response: **DELETE** the reference to Section 23 09 23 15 in its entirety.

ITEM NO. 56: Inquiry: For buried DI gravity lines, will the fittings require restraints?

Response: Yes, per requirements of Paragraph 1.3.C and 3.3 in Section 40 23 19.

ITEM NO. 57: Inquiry: For buried DI pressure lines, will the pipe joints require restraints as well as the fittings? (See note 2 on C-5 saying fittings to be restrained. Is this for this area only or all pressure pipe?)

Response: See Note No. 7 under “General Notes” on Drawing No. G-3.

ITEM NO. 58: Inquiry: Are the buried air lines required to be restraint joint?

Response: Yes.

ITEM NO. 59: *Inquiry:* Drawing C-4, Note 1 calls for 250F gaskets but the spec calls for 350F gaskets, which is correct? And what material is to be used?

Response: On Drawing No. C-4, in Note No. 1, **CHANGE**, “250°F” to read “**300°F**”. On page 40 23 19.2, Paragraph 2.1.D, **CHANGE**, “350°F” to read “**300°F**”.

ITEM NO. 60: *Inquiry:* Can you provide an interior piping schedule?

Response: Interior piping shall be as called out on the Contract Drawings and per information added by addenda.

ITEM NO. 61 *Inquiry:* What are the dimensions of the screen sump in the Biomag building? It refers us to the Evoqua drawings, but I can’t seem to find it.

Response: General dimensions for the screen sump can be obtained from Evoqua based on the general size of the screen being provided. Screen shop drawings will be provided to the Contractor once approved by the Engineer to coordinate screen sump shop drawings.

ITEM NO. 62: *Inquiry:* Drawing S-6 section 4, it the 1’ thick beam on the south side of the deck to be 6’ deep?

Response: That is correct. The beam will closely match the existing beam on the existing aerator deck of each of the three trains.

ITEM NO. 63: *Inquiry:* Regarding the Ultraviolet Disinfection System (Section 46 66 56). Specification sections 1.2.G. & 2.2.I.4 & 2.2.I.6 & 2.2.J.1.i call out for all UV cabinets to be NEMA 4X and 304 SS. However, we have identified that on Plan Sheet PCS-78 the Filter PLC Panel which is the same room as the UV cabinets is specified as NEMA 12. As NEMA 12 is the common approach for indoor locations and since the Filter cabinets in the same room are already identified as NEMA 12, we suggest that specification be amended to allow for NEMA 12 UV cabinets to deliver the most economical solution for the Owner. Please revise Sections 46 66 56.1.2.G & 2.2.I.4 & 2.2.J.1.i to also include NEMA 12 for control and ballast cabinets from the UV system supplier that are to be placed in the Electrical Room. Please also revise Sections 46 66 56.1.2.G & 2.2.I.4 & 2.2.J.1.i. to also include Painted Steel for control and ballast cabinets from the UV system supplier that are to be placed in the Electrical Room.

Response: The specification for the system control center will be changed to NEMA 12 painted steel. All UV system electrical panels mounted on the UV channel area will remain NEMA 4X stainless steel.

(NOTE: The wording of all “Inquiries” submitted are displayed exactly as received.)

ITEM NO. 64: *Inquiry:* I am submitting the Avignon Handmade Oversize brick manufactured by Glen Gery as a potential substitution for above named project. Upon visiting the facility I noted that the individual buildings appear to have some variances, mostly likely due to production runs in the original brick. Overall, I believe that the Avignon will be a good match for new construction at the facility. Please refer to the following link which contains pictures of the sample I took at the administrative building.

<https://drive.google.com/open?id=0BzYidR0mWR0Zd01ZSFNONnpMVjA>

The brick is a standard production item for the manufacturing facility located in York, Pennsylvania. Generally, a 4 to 6 week lead time is preferred to ensure that the brick will be available and of the same manufacturing run. Currently, Glen Gery has a significant number of the brick in-stock. At your request, I am willing to order and provide a sample of brick for a test panel.

The brick specifications have been attached as pdf files. The specifications and photo galleries are also available on the Glen Gery website at the following link:

<https://www.glengery.com/brick-products/view-brick-products/item/1257861-avignon>

Response: The Avignon Handmade Oversize brick manufactured by Glen Gery is an acceptable substitution.

ITEM NO. 65: *Inquiry:* Can you please identify the pipe material types for the BioMag piping shown on Drawings PM-14, PM-15, PM-16, & PM-16A?

Response: See the response to Item No. 25 to this Addendum.

ITEM NO. 66: *Inquiry:* What piping materials are to be used between the the Shear Mill Feed Pump Discharge to the Shear Mills to the Recovery Drums? Is there any possibility of getting a interior piping schedule?

Response: See the response to Item No. 25 to this Addendum.

ITEM NO. 67: *Inquiry:* In specification section 46334G Polymer Feed Pumps page 4 there is a schedule stating the quantity is 2 pumps but on drawing PM-55 there appears to be three polymer feed pumps. Who is to supply the third pump?

Response: See the response to Item No. 51 Addendum.

ITEM NO. 68: *Inquiry:* In specification 464328 Density Current Baffles, it calls out baffles for clarifiers 3 but on drawing PM-25 there appears to be new density current

baffles in clarifier 1 and 2. Is the density current baffles shown in clarifier 1 and 2 new? Who is supplying and installing these baffles if they are new?

Response: Yes, the density current baffles shown for Clarifiers No. 1 & No. 2 are also new and are to be provided and installed by the Contractor.

ITEM NO. 69: *Inquiry:* On PM-18 it shows the post anoxic influent pump station. Is this pre-cast or cast in place? If pre-cast, where is it specified? If cast in place, where is it detailed?

Response: The basis of design for the referenced pump station is precast post-tensioned in accordance with Section 03 41 00 of the Specifications.

ITEM NO. 70: *Inquiry:* Please confirm the Post Anoxic Reactor/Reaeration Tank, Post Anoxic Splitter Box and the final clarifier influent splitter box are to be pre-cast concrete.

Response: See the response to Item No. 67 to this Addendum. The referenced splitter box is detailed on sheet S-20 of the drawings.

ITEM NO. 71: *Inquiry:* Demolition note 4 on M-03 says to refer to the structural drawings for infill details for the makeup air unit to be removed. Drawing S-28 does not show infill details for that roof opening. Please clarify what is required.

Response: The dashed lines represent the outline of the existing air handling unit above. Actual roof opening size is 14"x16". New fan EF-01 is being mounted over existing opening and no infill should be required.

ITEM NO. 72: *Inquiry:* Please refer to drawing M-04. Please clarify what is meant by the shaded area and the dotted line encircling the new rooftop fans.

Response: It is the outline of the fan on the roof.

ITEM NO. 73: *Inquiry:* Please refer to drawing M-06. There appears to be 2 new louvers required in the motor control center (upper right hand corner of building). Is this correct? If so, will the new lovers be in existing openings?

Response: Existing louvers to remain.

ITEM NO. 74: *Inquiry:* Drawing M-06 shows what appears to be new louvers in the polymer area, sludge holding tanks, blower room, motor control center, and the office/storage, but there are no keynotes identifying what is required. Please clarify.

Response: Motor control center louver existing. Office/storage is existing unit. Existing louvers.

ITEM NO. 75: *Inquiry:* Please refer to drawing M-06. Is a new heater required in the motor control center?

Response: No. Existing to remain.

ITEM NO. 76: *Inquiry:* Keynote 4 on M-06 references new gas piping to the makeup air unit on the roof. In both locations this occurs, it appears there is some sort of ductwork, but it is not labeled. Please clarify what is required.

Response: Existing ductwork.

ITEM NO. 77: *Inquiry:* Do the interior block walls shown in the Biomag building on drawing S-15 get strip footings or thickened slab? There is no section through either wall.

Response: A typical thickened slab detail under CMU walls is shown on Typical Detail drawing S-2. Drawing S-15 shows the thickened slab in plan but does not call it out. Drawing S-15 will be revised to call out the thickened slab.

ITEM NO. 78: *Inquiry:* Do we need to step the strip footer down to the slab elevation of the ballast mixer tank shown on S-15 or do they terminate into the walls of the tank? If we need to step it down, how many steps are required and where? Nothing shown on the drawing.

Response: The wall footing should be stepped down to the slab elevation of the ballast mixer tank shown on S-15. Drawing S-15 will be revised to show the location of the footing steps. The step footing detail is shown on Typical Detail drawing S-3.

ITEM NO. 79: *Inquiry:* Drawing 107 of the Evoqua package show non potable water to the Recovery Drums. I do not see on the yard piping any nonpotable water supplied to the Biomag Building. There is shown a potable water supply to the biomag building but no potable water piping with in the building. Are we required to provide this piping?

Response: Utility water piping shall be provided to the BioMag Room and the Evoqua Recovery Drum

ITEM NO. 80: *Inquiry:* A request was received to add Martz Technologies, Inc. as an approved System Integrator per Specification Section 25 50 01 1.1.

Response: Revision to Specifications Section 25 50 01, Process Control System General Requirements; **ADD**, the following System Integrator to list of approved System Integrators in Paragraph 1.1.A.2:

Martz Technologies, Inc.
216 Martzville Road
Berwick, PA 18603
570-752-2605
Contact: Andy Sarge

ITEM NO. 81: *Inquiry:* A request was received to add Allied Control Services, Inc. as an approved System Integrator per Specification Section 25 50 01 1.1.

Response: Revision to Specifications Section 25 50 01, Process Control System General Requirement; **ADD**, the following System Integrator to list of approved System Integrators in Paragraph 1.1.A.2:

Allied Control Services, Inc.
611 Garfield Avenue
West Point, PA 19486
215-699-2855
Contact: Paul Mamzic

ITEM NO. 82: *Inquiry:* A request was received to add D&M Electrical and Automation, Inc.. as an approved System Integrator per Specification Section 25 50 01 1.1.

Response: D&M Electrical and Automation Inc. will not be added to the specification as an approved System Integrator.

Page 41 22 23-4, Hoist Systems - **ADD** Paragraph 2.8 to read as follows:

“2.8 HAND HOISTS

A. Construction:

- 1. Lightweight housing fully enclosed gearing and Weston-type brake; housing independent of bearings so that impact will not disturb internal parts alignment.**
- 2. Gear train shall have a planetary spur gear and a modified involute stub tooth form with gear teeth generated from solid steel blanks.**
- 3. Mount gears and pinions on permanently lubricated anti-friction bearings.**

(NOTE: The wording of all “Inquiries” submitted are displayed exactly as received.)

4. Provide a nodular iron load wheel with pockets which fit evenly into the links of the load chain.
5. Support load wheel shaft on heavy-duty ball bearings.
6. Furnish with bottom and top, rock and swivel hooks equipped with spring-type latches and a hand chain guide.

B. Load Chain:

1. Close link coil type; electric welded alloy steel, heat-treated for wear resistance and ability to withstand impact.
2. All links precisely calibrated for uniform size and shape, free from scale and lamination to permit proper seating in load sheave pockets.
3. Dead end of chain securely attached to the hoist in a manner which will permit ease of replacement.
4. Design to handle specified load capacities.”

Page 41 22 23-5, Hoist Systems - **ADD** the following to the Design Parameter Table

<u>Quantity</u>	<u>Location/ Service</u>	<u>Hoist Type</u>	<u>Trolley Type</u>	<u>Load Capacity (Tons)</u>	<u>Lift (Feet)</u>
“2	Post Anoxic Valve Vault	Chain	Manual	2	25

Note: Contractor shall be responsible for sizing monorail beams and framing support systems for hoists required at the Post Anoxic Valve Vault and Post Anoxic Influent Pump Station. Contractor shall submit signed and sealed drawings from a Professional Engineer registered in the State of Maryland. Contractor shall coordinate the monorail beams with the precast post-tensioned concrete supplier.”

Page 46 66 56-1, Ultraviolet Disinfection System – In Paragraph 1.2.A., in the paragraph noted with an asterisk, after the last sentence, **ADD**, “**The UV equipment supplier shall provide a stainless steel baffle or plate to attach to the channel wall at each UV bank to seal off the space to be occupied by the future bulb racks required for the future 21 MGD design flow rate.**”

Page 46 66 56-4, Ultraviolet Disinfection System – In paragraph 1.3.F., in the first and second sentences **DELETE** “**print out**”. A digital copy of this information is to be provided.

Page 46 66 56-6, Ultraviolet Disinfection System – **CHANGE** Paragraph 2.2.H.1 to read as follows:

- “1. Each module shall be powered from a power distribution center via an individual fused circuit with safety relay and cable with watertight connector.”

Page 46 66 56-7, Ultraviolet Disinfection System

CHANGE Paragraph 2.2.I.3 to read as follows:

“3. One fuse shall be provided for each UV module and shall be located inside the PDC.

CHANGE Paragraph 2.2.I.6 to read as follows:

“6. All PDC’s to be UL or CSA approved and shall have a NEMA 4X rating.”

CHANGE Paragraph 2.2.J.1.i. to read as follows:

“i. Panel will be UL or CSA approved. Since the system control center is mounted in a separate electrical room, it shall have a NEMA 12 rating with a painted steel cabinet. Any UV system electrical panel located in the UV channel area shall be NEMA 4X stainless steel.”

In Paragraph 2.2.J.1.m. **CHANGE** “via the future plant data highway” to read **“via the plant ethernet communication link”**.

DELETE Paragraph 2.2.J.1.c.

Appendix B – Ovivo Equipment Agreement – The agreement between the County and Ovivo has been revised and executed. A copy of the revised executed agreement is attached.

Drawing No. PM-39, Filter/UV Building Plan and Section/Drawing No. S-26, Filter/UV Building Plans, Sections and Details – In the UV plan view, the 5’-6” square influent box that has a bottom elevation 405.00 is to have its centerline aligned with the centerline of the dividing wall that separates UV Channels No. 1 and No. 2.

On Drawing No. PM-39, in Plan; **CHANGE**, UV channel width dimension from 2’-6 ½” to **2’-8”**.

On Drawing No. C-4 **CHANGE**, Note 2 to read **“Install each chemical feed line in a separate 3” dia. polyethylene casing pipe. Provide long sweep radius bends at all changes in direction.**

On Drawing No. C-3, for Pipe No. 114, under Comments, **ADD** **“See Note 2”**.

On Drawing No. C-4 **CHANGE**, Note 6 to read **“Each methanol feed line to be a double wall stainless steel piping system. See specifications”**. Also, **DELETE** Note No. 5.

(NOTE: The wording of all “Inquiries” submitted are displayed exactly as received.)

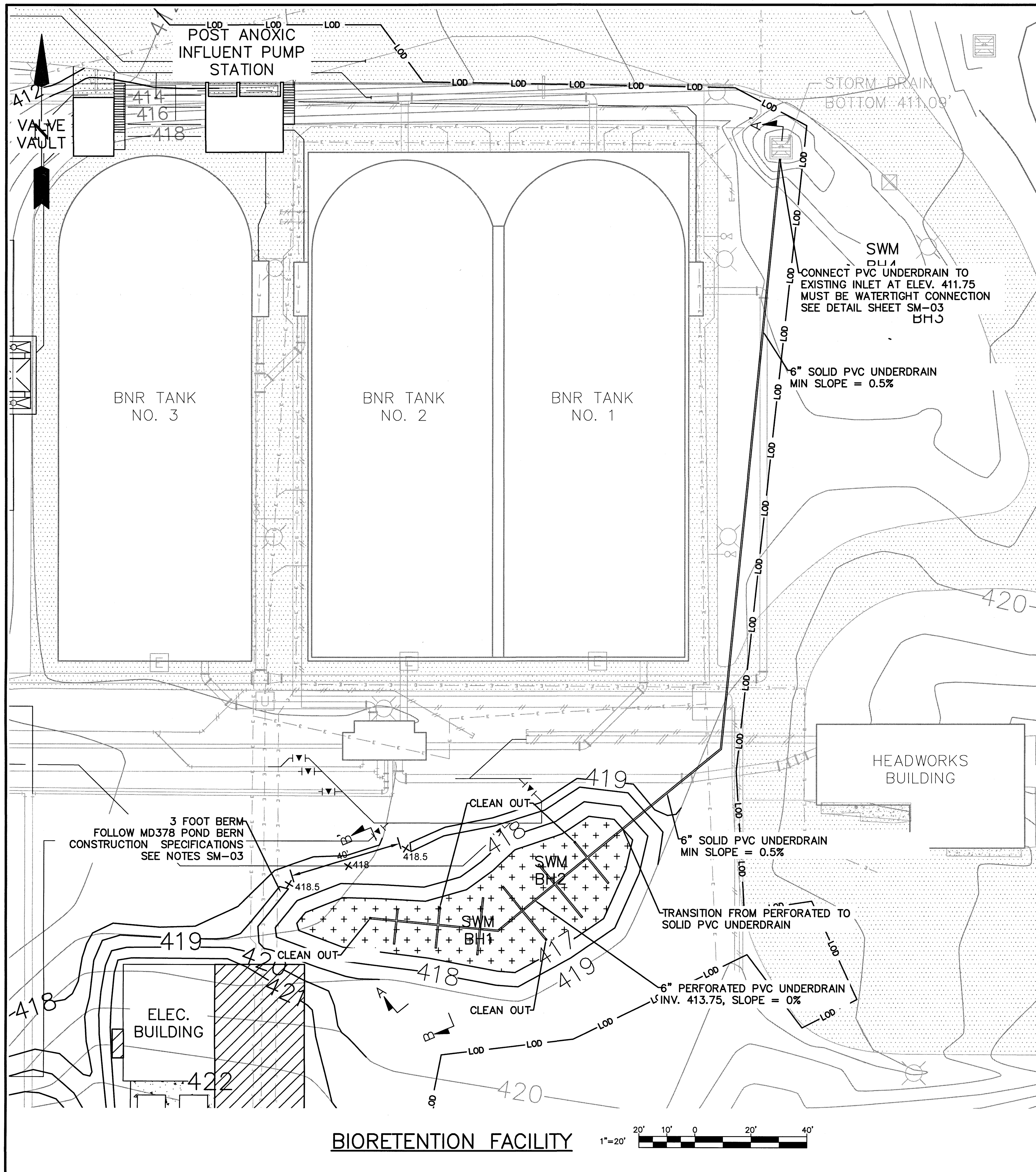
On Drawing No. PM-17, **ADD** the following to Note No. 2: **“See Specification Section 08 33 23 for roll up door requirement. Door is to be manually operated.**

ADD 3” Ø polyethylene utility water supply line to the Bio-Mag Building per the Partial Yard Piping Plan for Drawing No. C-3 attached to this Addendum No. 3.

BY AUTHORITY OF:

A handwritten signature in black ink that reads "Karen R. Luther". The signature is written in a cursive style with a large initial 'K' and 'L'.

Karen R. Luther, CPPO
Director of Purchasing



NOTES:

BIORETENTION

- THE CONTRACTOR SHALL ENSURE THAT CONSTRUCTION EQUIPMENT AND VEHICLE TRAFFIC IS KEPT OUTSIDE OF THE PROPOSED BIORETENTION LOCATION. COMPACTION OF THE SOILS AND MEDIA IN THIS AREA IS UNACCEPTABLE.
- THIS SITE IS LOCATED IN A KARST AREA. GEOTECHNICAL FIELD EXPLORATIONS DETERMINED THAT INFILTRATION TYPE FACILITIES ARE NOT SUITABLE AT THIS LOCATION. THE FOLLOWING NOTES PERTAIN TO CONSTRUCTION REQUIREMENTS RELATED TO THE KARST TERRAIN:
 - AFTER EXCAVATION, ANY LOOSE OR BLASTED ROCK SHALL BE COMPLETELY REMOVED TO A DEPTH OF AT LEAST THREE (3) FEET BELOW THE PROPOSED FACILITY BOTTOM AND REPLACED WITH CONTROLLED FILL CONSISTING OF CLAYEY ON-SITE OR IMPORTED SOILS.
 - SUBGRADE SOILS WHICH WILL SUPPORT CONTROLLED FILL SHOULD BE PROOF-ROLLED WITH APPROVED CONSTRUCTION EQUIPMENT TO LOCATE ISOLATED SOFT SPOTS OR AREAS OF EXCESSIVE "PUMPING" WHICH ARE TOO WET TO ACCOMMODATE COMPACTED FILL. THESE AREAS SHOULD BE EITHER SCARIFIED, AIR-DRIED TO A SUFFICIENT MOISTURE CONTENT AND RE-COMPACTED PRIOR TO FILL PLACEMENT, MECHANICALLY STABILIZED OR REMOVED TO THE LEVEL OF STABLE SOILS.
 - THE BIORETENTION FACILITY SHALL BE FULLY LINED (BOTTOM AND SIDES) WITH A SYNTHETIC IMPERMEABLE LINER. SEE MATERIAL SPECIFICATIONS AND DETAILS ON SM-03.
- THE PERFORATED UNDERDRAINS SHALL BE SET AT 0% SLOPE AND BE MADE OF 6" DIAMETER PVC PIPE WITH 1/2" PERFORATIONS EVERY 6" ON CENTER. OBSERVATION WELLS (AKA CLEAN OUTS) SHALL BE PLACED AT THE SPECIFIED LOCATIONS AS SHOWN ON PLANS. THE OBSERVATION WELL SHALL CONSIST OF A RIGID NON-PERFORATED PVC PIPE, 6" IN DIAMETER. THE TOP MUST EXTEND 6" ABOVE THE FINAL FACILITY TOP ELEVATION AND BE CAPPED WITH A SCREW, OR FLANGE TYPE COVER. A LOCK IS NOT NECESSARY.
- THE 12" GRAVEL LAYER OF NO. 57 STONE SHALL FULLY WRAP THE UNDERDRAIN.
- THE BIORETENTION MEDIA SHALL CONFORM TO THE SPECIFICATIONS AS PROVIDED ON SWM-03. THE MEDIA SHALL BE A UNIFORM MIX, FREE OF STONES, STUMPS, ROOTS OR OTHER SIMILAR OBJECTS LARGER THAN TWO INCHES. THE MEDIA SHALL BE PLACED IN HORIZONTAL LAYERS NOT TO EXCEED 12 INCHES. THE MEDIA SHALL BE COMPACTED BY SATURATING THE ENTIRE BIORETENTION FACILITY AREA AFTER EACH LIFT OF MEDIA IS PLACED. ANY SETTLEMENT THAT OCCURS SHALL BE FILLED BACK TO THE DESIGN ELEVATION.
- THE SURFACE MULCH LAYER WILL CONSIST OF STANDARD FINE SHREDDED AGED HARDWOOD MULCH. THE MULCH SHOULD BE APPLIED UNIFORMLY TO A DEPTH OF 3 INCHES. YEARLY REPLENISHING MAY BE NECESSARY. PINE BARK IS NOT ACCEPTABLE.

OPERATION AND MAINTENANCE INSPECTION AND SCHEDULE

- THE OWNER SHALL INSPECT THE FACILITY ANNUALLY AND AFTER EVERY HEAVY STORM TO DETERMINE IF THE BMP IS DRAINING PROPERLY. THE FILTER SURFACE AREA AND THE OBSERVATION WELL SHOULD BE CHECKED.
- THE OWNER SHALL REMOVE ANY DEBRIS FROM THE FACILITY.
- THE OWNER SHALL REMOVE AND REPLACE 3" OF HARDWOOD MULCH ANNUALLY.
- IF FACILITY IS NOT PROPERLY DRAINING, THE BIORETENTION SOIL MIX MUST BE REMOVED AND REPLACED.
- THE OWNER SHALL MOW THE SIDE SLOPES AS NEEDED.

OPERATION AND MAINTENANCE PLAN - BIORETENTION

Inspection Item	Inspection Requirements	Remedial Action
Maintenance Access		
General	Check for accessibility to facility; excessive vegetation; surface stability	Repair erosion and maintain access surface in good condition
Pretreatment		
Grass filter strip or sand layer	Check for sediment accumulation	Remove sediment as needed
Optional sand layer	Check sand for staining and sediment accumulation	If contaminated, replace first three inches of sand layer
Gravel diaphragm	Check for sediment accumulation and evidence of erosion	Remove sediment and replace gravel as needed
Mulch layer	Check for a (2-3) inch mulch layer	Remove mulch and replace as needed
Filter Bed		
Dewatering	Check for dewatering within 48 hours of rainfall; noticeable odors; water stains on the filter surface or at the outlet; presence of algae or aquatic vegetation	Remove mulch and the top (3-6) inches of soil/sediment and replace with suitable materials per plan specifications; follow up inspections shall confirm adequate dewatering; contact the plan approval authority if the facility does not function as intended
Sediment	Check for sediment accumulation	Remove sediment as needed
Mulch layer	Check for adequate cover; sediment accumulation; discoloration	Remove and replace mulch and excess sediment as needed
Vegetation		
Plant composition and health	Check for plant composition according to approved plans; invasive species, weeds, and dead or dying vegetation	Remove and replace plants as necessary
Vegetative cover/erosion	Check for erosion, runoff channelizing, or bare spots	Repair/grade and stabilize as needed
Outlets		
Underdrain system	Check outlet end to ensure that discharge is not obstructed; check for erosion	Remove any flow obstructions; grade and stabilize any eroded areas to provide stable conveyance
Overflow spillway	Check for displacement or rip-rap, stable conveyance, and erosion below the outlet	Repair and replace as needed
Conveyance Systems		
General	Check for erosion, flow blockages or bypass, and stable conveyance	Repair/replace and stabilize as needed
Flow diversion	Check flow splitter for proper functioning	Repair as necessary
Trash and Debris		
	Check for trash and debris accumulation	Trash and debris shall be disposed of in an acceptable manner
Structural Components		
	Check for structural deterioration, spalling or cracking	Repair according to specifications on the approved plan

Field conditions may require a modification to the original approval in order to achieve the intended design function. The plan approval authority should be contacted for review and approval of all proposed modifications. Inspection and maintenance should occur after any major rain event (e.g., meeting or exceeding the design rainfall depth for the facility).

**NOTICE OF REQUIRED STORMWATER MANAGEMENT INSPECTIONS
SAND FILTERS, BIORETENTION AND RAIN GARDEN FACILITIES**

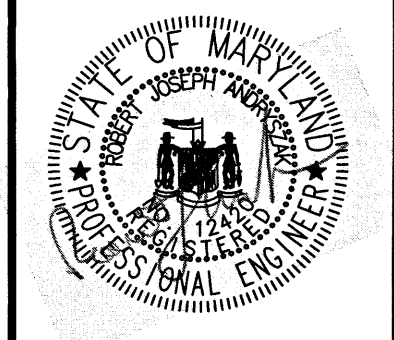
The following inspections are required to be performed by the Qualified Professional for the construction of any Sand Filter, Bio-Retention or Rain Garden Facility. Additional inspections may be needed based on professional engineering judgement. Each inspection is required at the start of each stage.

	Certifying Engineer	Date	County Inspector	Date
EXCAVATION OF FACILITY - Prior to excavation, verify sediment and erosion control features are in place to prevent sediment inflow. Verify all flagging required in the area for sensitive area protection. Verify grading is accurately staked-out and re-staked as needed. Facility dimensions shall be verified and soils check for infiltration. Verify contributing area is permanently stabilized. Verify that water is not present. Ensure roughening of side walls if sheared and sealed by heavy equipment. Verify that compaction of facility base is minimized.				
PLACEMENT OF FILTER CLOTH (Trenches) - Ensure filter fabric is overlapping six (6) inches between strips of cloth. Ensure tree roots or other obstacles are removed from facility walls or sides and base to prevent tearing. Verify that uphill fabric roll overlaps two (2) feet over downhill roll.				
PLACEMENT OF UNDERDRAINS AND OBSERVATION WELLS - Location, size, and material of under drain and observation wells shall be verified prior to stone placement. Verify pipe ends capped. Verify 3" gravel cover.				
PLACEMENT OF FILTERING MEDIA - Verify bottom layer material and thickness. Verify sand and/or filter media layer and thickness. Verify filter fabric or pea gravel used between sand layers. Verify top filter media layer.				
PLACEMENT OF SAND FILTER LAYER OR GRAVEL DIAPHRAGM - Verify depth and width of sand and/or diaphragm layer. Verify fill material.				
STABILIZATION AND LANDSCAPING - Verify site top soiled, seeded and mulched. Verify embankment top soiled and seeded. Verify location, size, type and number of planted landscape material. Verify no more than 1/2 inch root ball exposed. Verify planting stock kept moist during on-site storage. Verify installation location, size, material type of fencing or other safety barriers.				

The Qualified Professional may request the presence of a County Construction Standards Inspector at least 24 hours in advance by calling 240-313-2400.

RK&K
RUMMEL, KLEPPER & KAHL, LLP
81 MOSHER ST.
BALTIMORE, MARYLAND 21217
410.728.2900

BUCHART HORN, INC.



Professional Certification: I hereby certify that these documents were prepared or approved by me, and that I am a duly-licensed professional engineer under the laws of the State of Maryland. License No. 12421, Expiration Date: 04/20/2017.

WASHINGTON COUNTY, MARYLAND
DEPARTMENT OF WATER QUALITY
CONOCOCHIEGUE WASTEWATER
TREATMENT PLANT ENR UPGRADE

NO.	REVISION	DATE

PROJECT NO.: 76436-02
CAD FILE: SM-01.dwg
ENGR./ARCH.: KN
DESIGN BY: RJA
DRAWN BY: ENV DRAFTERS
CHECKED BY: RJA
DATE: 1/2016
DRAWING INTENT IS TO INDICATE GENERAL ARRANGEMENT, DESIGN AND INTENT OF WORK AND IS PARTLY DIAGRAMMATIC. DRAWING SHALL NOT BE SCALED.
© Buchart Horn, Inc.

**STORMWATER
MANAGEMENT
PLAN**
DRAWING NO.
SM-02

CONOCOCHIEAGUE TREATMENT PLANT ENR UPGRADE
WASHINGTON COUNTY MARYLAND
OVIVO OXIDATION DITCH EQUIPMENT PRE-SELECTION

PROCUREMENT AGREEMENT

THIS AGREEMENT is dated as of the day of March 16 in the year 2016 by and between Board of County Commissioners of Washington County Maryland (hereinafter called Owner) Ovivo USA, LLC (hereinafter called Vendor).

Owner and Vendor, in consideration of the mutual covenants hereinafter set forth, agree as follows:

ARTICLE 1. GOODS AND SERVICES

- 1.1 Vendor shall complete the Goods and Services as specified or indicated in the Owner's Contract Documents PUR-1270 issued by RK&K noted as "90%" on 11/21/2014, Section 44 44 53 and related electrical work in DIVISION 25, as modified by discussion and correspondence between RK&K/Albrecht Engineers/Ovivo, and as defined in Ovivo Proposal No. 2-05-0082 REV 1 dated March 2015.
- 1.2 The Work is generally described as follows: Performing or providing all labor, services engineering, manufacturing, testing, and documentation necessary for Installing Contractor to install and successfully start-up the Oxidation Ditch Equipment.
- 1.3 The terms and conditions in Ovivo Proposal No. 2-05-0082 REV 1, dated March, 2015 are in integral part of Ovivo's offer of products and related services, and replace and supersede any other terms and conditions, and cannot be changed without written approval from an authorized representative of Ovivo.

ARTICLE 2. ENGINEER

- 2.1 The project has been designed by: RK&K
Address: 81 Mosher Street
Baltimore, MD 21217
Phone: 410-728-2900

Who is hereinafter called Engineer and who is to act as Owner's representative, assume all duties and responsibilities, and have the rights and authority assigned to Engineer in the Contract Documents in connection with the completion of the Work in accordance with the Contract Documents.

ARTICLE 3. CONTRACT DOCUMENTS

- 3.1 The Contract Document which comprise the entire agreement between Owner and Vendor concerning the Work consist of the Procurement Agreement and the following attachments to this Procurement Agreement:
 - 3.1.1 This Agreement/Ovivo Proposal 2-05-0082 REV 1 Dated March 2015
 - 3.1.2 Attachment A – Conococheague, MD Ovivo Carousel® Equipment Storage Requirements, dated March 11, 2015.

RECEIVED

MAR 18 2016

WASHINGTON COUNTY
DIVISION OF ENV MNGT

- 3.1.3 Attachment B – Specification Section 44 44 53 (modified and reviewed with RK&K from October 2014 – December 2014) and related electrical equipment described in Ovivo Proposal 2-05-0082 REV 1 as understood from Specification Section DIVISION 25.
- 3.1.4 Exhibits to this Agreement (enumerated as follows):
 - 3.1.4.1 Exhibit I to Procurement Agreement, Assignment of Contract
 - 3.1.4.2 Exhibit II to Procurement Agreement, Assignment of Contract
- 3.1.5 The following which may be delivered or issued on or after the Effective Date of the Agreement and are not attached hereto:
 - 3.1.5.1 Notice to Proceed;
 - 3.1.5.2 Written Amendments;
 - 3.1.5.3 Work Change Directives;
 - 3.1.5.4 Change Order(s).
- 3.2 The documents listed in paragraph 4.2 are attached to this agreement (except as expressly noted otherwise above).
- 3.3 There are no Contract Documents other than those listed above in this Article 3.

ARTICLE 4. ASSIGNMENT OF PROCUREMENT CONTRACT

- 4.1 The Contract may at the Owner's discretion be assigned by Owner to their selected Contractor and Vendor will accept such assignment, pursuant to the Procurement Documents. In the application of the terms and conditions of the Procurement Documents after said assignment, Vendor will function as a supplier to the Contractor, and all obligations of the vendor to Owner will be obligations of the Vendor to Contractor. Notwithstanding this assignment, the guarantees and warranties specified in the Procurement Documents are intended for the benefit of Owner and the Contractor, and may be enforced by either party.
- 4.2 Assignment of the Purchase Agreement shall be accomplished on Exhibits I and II, copies of which are attached to this Purchase Agreement.
- 4.3 Miscellaneous Assignments. No further assignment by a party hereto of any rights under or interests in the Contract Documents will be binding on another party hereto without the written consent of the party sought to be bound; and specifically but without limitation monies that may become due and monies that are due may not be assigned without such consent (except to the extent that the effect of this restriction may be limited by law), and unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under the Contract Documents.

ARTICLE 5. MISCELLANEOUS

- 5.1 Successors and Assigns. Owner and Vendor each binds itself, its partner, successors, assigns, and legal representatives to the other party hereto, its partners, successors, assigns, and legal representatives in respect to all covenants, agreements, and obligations contained in the Contract Documents.
- 5.2 Severability. Any provision or part of the Contract Documents held to be void or unenforceable under any Law or Regulation shall be deemed stricken, and all remaining provision shall continue to be valid and binding upon Owner and Contractor, who agree that the Contract Documents shall be reformed to replace such stricken provisions or part thereof with a valid enforceable provision that comes as close as possible to expressing the intention of the stricken provisions.
- 5.3 Governing Law, Jurisdiction and Venue. This Agreement shall be deemed to have been fully executed and delivered within the State of Maryland. This Agreement shall be construed and

enforced in all respects in accordance with the laws of the State of Maryland, without reference to its provisions with regard to conflicts of law. The state courts of Maryland shall have exclusive jurisdiction with regard to any dispute, controversy, action or proceeding arising out of or with regard to this Agreement, and the venue for any litigation and all other proceedings filed in the state courts of Maryland shall be the Circuit court for Washington County, Maryland, and each of the parties hereto hereby irrevocably consents to said jurisdiction and venue.

IN WITNESS WHEREOF, Owner and Vendor have caused this Procurement Agreement to be executed the day and year first above written.

OWNER:
Board of County Commissioners
Washington County, MD

By Terry L Baker
Terry Baker, President

Attest Bikki C. Jones

Address for giving notices

VENDOR:
Ovivo USA, LLC

By Ujala Murthy
(CORPORATE SEAL)

Attest Aria Powers

Address for giving notices

4246 Riverboat Rd., Ste. 300, SLC, UT 84123

