ADDENDUM NO. 1

This Addendum consists of the following **CHANGES TO THE BID DOCUMENTS FOR OFFICIAL NOTICE 39-1-2015**:

1. **PLEASE SEE THE RESPONSES BELOW TO THE REQUEST FOR INFORMATION SUBMITTED:**

QUESTION #1:

- **RFI QUESTION:** Can you please verify the existing amount of fill currently over the reservoir in cubic yards? At one point you mentioned 2 feet of fill and another point, 3 feet.

RESPONSE #1:

- The existing depth of fill is approximately 3 feet over the entire reservoir. That depth would equate to 6656 cu. yds. existing soil on top of the reservoir.

QUESTION #2:

- **RFI QUESTION:** If there is more fill over the reservoir than you've responded to in Question 1 above, will this be considered a billable change order?

RESPONSE #2:

- If there is more than 6656 cu. yds. ON TOP of the reservoir, the excess would be considered a billable change order.

QUESTION #3:

- **RFI QUESTION:** Can you please verify the load capacity of the existing reservoir? The specifications call for a maximum load of 350 psf and state that soil has an estimated weight of 100 pcf. If there is truly 3 feet of existing cover material, the reservoir is already at 300 psf. Are the weights you've listed supposed to be in psi? A track type skid loader exerts a ground pressure of 600 to 650 psf. Wheel type units are significantly higher that that. Backfilling and re-grading of the area will be extremely difficult if equipment cannot be run over the top of the fill material.

RESPONSE #3:

- After further review of the original 1934 specifications on the construction of the buried reservoir roof slab, it has been determined that the maximum 350 psf total live load does NOT include the weight of the soil. A copy of the load requirements from the original 1934 specifications will be available for viewing along with the Reference Drawings at the Linnwood Treatment Plant.

QUESTION #4:

- **RFI QUESTION:** The plans call out for the final grades to be a minimum of 2 feet below the concrete bases supporting the existing reservoir vents. Is there a minimum slope of the finished lawn area away from these vents to the edges of the covered areas?

RESPONSE #4:

- The slope of the final grading must reflect positive drainage away from the reservoir. Refer to Section 02200, Earthwork.

QUESTION #5:

- **RFI QUESTION:** Is there a minimum amount of ground cover required?

RESPONSE #5:

- Minimum ground cover required is 18 inches.

QUESTION #6:

- **RFI QUESTION:** The specifications mention existing split tile. Can you define what this is, what quantity of it we are expected to encounter, and if it needs to be removed from the site?

RESPONSE #6:

- Split tiles present are clay, 6 inch semicircular drains that lie on the reservoir roof deck. Approximately 1125 lin. feet of split tile sits on the roof. Split tiles must be removed and properly disposed of. Reference Drawing WP-44-12, which is available for viewing, shows the tiles that are present.

QUESTION #7:

- **RFI QUESTION:** In the Pre-bid meeting you mentioned that we are to assume that there is no waterproofing on the existing reservoir. The specifications also mention asbestos removal. Can you please clarify if either of these items is present, how it is to be handled?

RESPONSE #7:

- There is no evidence in our records that suggests an existing waterproofing membrane exists on the reservoir roof, therefore, we are to assume that none exists. Do not include any removal/disposal of a membrane in your base bid. If a membrane (containing asbestos or not) is encountered and is required by MWW to remove/dispose of it, the work would be considered an extra on a time and materials basis.

QUESTION #8:

- **RFI QUESTION:** The specifications call for the reservoir to be covered with a tarp overnight and anytime there is rain. Can you please clarify if these tarps must provide 100% seal, meaning 1 tarp over the entire structure, including the manholes and vents?

RESPONSE #8:

- The tarps are for preventing water from infiltrating through the roof deck. If ponding of water occurs, a tarp must already be in place to prevent infiltration.

QUESTION #9:

- **RFI QUESTION:** Is a tarp still required after the lightweight fill is installed?

RESPONSE #9:

- No. At this point positive drainage should be obtained.

QUESTION #10:

- **RFI QUESTION:** The plans mention removal of existing lawn irrigation piping. Is this system still in use, and will it need to be replaced?

RESPONSE #10:

- The sprinkler system is not in use, and therefore, should not be replaced.

QUESTION #11:

- **RFI QUESTION:** Who is supposed to make the internal inspection? If it is by the contractor, what qualifications are required?

RESPONSE #11:

- The internal inspection is the responsibility of the contractor. The inspection shall be evaluated by a structural engineer registered in the State of Wisconsin.

QUESTION #12:

- **RFI QUESTION:** Are there any cleaning or disinfecting requirements after all the work is completed inside of the reservoir?

RESPONSE #12:

- The disinfection process will be performed by the Owner (MWW) when the reservoir is being filled, however, the work site shall be clean, as per specifications.

QUESTION #13:

- **RFI QUESTION:** You mentioned that MWW would shut down and drain the reservoir. Can you please verify that this is correct?

RESPONSE #13:

- MWW will place the clearwell & reservoir out of service and drain them.

QUESTION #14:

- **RFI QUESTION:** What is the internal size of the access openings for the reservoir?

RESPONSE #14:

- Inside dimensions of access manholes are 3 feet square or 3 feet x 9 feet, as per Reference Drawing WP-9-17.

QUESTION #15:

- **RFI QUESTION:** The specifications call for 25% SBE. You mentioned 20% at the meeting. Which is correct? Due to the amount of specific skilled labor required, this goal will be difficult to achieve. Can this goal be reduced?

RESPONSE #15:

- The SBE requirement for this specific contract is 20%. This requirement will remain.

QUESTION #16:

- **RFI QUESTION:** The specifications call for 40% RPP labor. Due to the amount of specific skilled craft labor required, this goal will be difficult to achieve. Can this goal be reduced?

RESPONSE #16:

- The 40% RPP requirement will remain as is.

QUESTION #17:

- **RFI QUESTION:** The specifications do not permit an equal to the lightweight engineered fill material. Would “Mearlcrete”, by Aerix Industries, be an acceptable alternate material?

RESPONSE #17:

- “Mearlcrete”, lightweight insulating cellular concrete, by Aerix Industries, may be used as a substitution for Elastizell, Engineered Fill for the lightweight concrete portion on this contract.

END OF ADDENDUM NO. 1