

**ARLINGTON WASTEWATER TREATMENT PLANT
REPLACEMENT HEATING AND A/C EQUIPMENT**

CONTRACT 2014-02

**ADDENDUM NO. 2
September 15, 2014**

This addendum is issued to clarify some questions raised at the pre-bid meeting.

A. There is a high probability that the flashing cement and roofing materials at the rooftop air conditioning equipment contain asbestos. No advance testing will be done by the Owner, but the materials will be tested and abated per the Allowance Items in the bid.

B. There is a possibility that insulation on the elbows in the heating system in the tunnels contains asbestos. However, since the finned tube cleaning and cover replacement does not require any pipe insulation to be removed, and in addition there is a section of fiberglass insulation beyond each elbow, there is no anticipated ACM exposure, and no testing or abatement will be performed.

C. The contractor shall examine the heating pipes in the boiler room. If there is suspected asbestos insulation, the Engineer shall be notified, and if possible the affected pipes will be left in place and not disturbed. If the pipes have to be removed, asbestos testing and abatement per the Allowance Items in the bid will be undertaken. The contractor shall make an early investigation so that any testing and abatement

can be completed during the winter and not delay the replacement boiler installation.

D. A suggestion was made to replace the finned tube convectors in the Chlorination Room with epoxy coated electric heaters. However, there is not sufficient reserve electric power available from the transformer that serves the room. Therefore, electric heat is not an option and the existing hydronic heat system shall be used.

E. The Plant Manager has noted a problem with the unit ventilator in the laboratory. As part of the contract work, the contractor shall refurbish and repair the unit ventilator. The unit ventilator is shown schematically on Sheet H-3, and consists of a heating coil, blowers and motor, face and bypass dampers, fresh air damper, thermostat and freeze stat. (The lab hood may now be independently controlled, but shall be integrated into the new controls.)

The heating coil works off the Administration/Control Building hydronic heat loop, but has independent control. However, the controller is either on or off and does not maintain the temperature setting very well. The dampers do not function properly. Therefore, the contractor shall clean the heating coil and blowers, refurbish or repair or replace the dampers and servos, and provide new controls (including new thermostat if needed) for a properly functioning unit ventilator, including integrated function with the lab hood.

End of Addendum No. 2