



October 20, 2016 revised on 11/4/16

Barry Loessel
Union Township Board of Education
2369 Morris Ave,
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Email: bloessel@twpunionschools.org

Re: (Public Schools of Union Township) – Price Proposal for Lead in Water Testing at Twelve (12) School/Building Locations to Include All Client-Identified Potable Water Outlets (Sinks and Fountains Only)

Attachments:

- *State of NJ DOE – Amendments and New Rules Dated 7/13/2016 (see highlighted sections)*
- *Plumbing Profile*
- *Recalled Chilled Water Fountains*

On behalf of Omega Environmental Services, thank you for the opportunity to submit a Proposal for the above referenced project. Subject pricing reflects Omega's previous bid price schedule submitted to the Educational Services Commission of New Jersey.

Please take a moment to review the enclosed Proposal to see how well it meets your specific project requirements. Should you decide to move forward with the project, please issue a Purchase Order so we can schedule the work.

Project Overview:

As per newly published regulations and guidelines (see attached), initial and follow-up lead water sampling is required at NJ school and associated facilities.

A lead water investigation includes the following:

1. Identification of drinking water sources in the building
2. Plumbing investigation to identify water use patterns and plumbing system configuration
3. Development of a School specific Sampling Plan
4. Collection of first draw water samples at worst case time of day (typically early AM hours)
5. Laboratory analysis of lead water samples by laboratory
6. Data compilation and interpretation
7. Possible repeat confirming testing of positive locations

The plumbing investigation scope of work involves tracing plumbing lines, and the POTW service leg into the building(s).

In order to keep costs down initial sampling will consist of collecting first draw samples only. For any outlets with results of the first draw sampling above 15 ppb, a flush sample will be collected on another day.

Prior to beginning the Plumbing Investigation we are requesting the following from the client:

- Contact information of a designated individual school representative knowledgeable of the building system ("Individual School Project Officer").
- A list of all of the 12 facilities (See attached Listing of Schools Doc)
- A filled out plumbing questionnaire for all 12 buildings (See attached Plumbing Profile Doc), including the make and model of any chilled water fountains, the location of any filters (such as kitchen sinks), and if aerators are routinely cleaned/replaced.
- A Floor Plan of each the 12 facilities
- The number of drinking outlets. If there are more outlets; Omega reserves the right to revise pricing.

After we have that information we set up an escort for Omega to do a walk through in all of the facilities to perform following:

- Ensure the information they provided was correct
- Determine how the water flows through the building (from point of entry to the most distant outlet)
- Inventory and characterize all outlets, including fountains (chilled or unchilled), sinks (kitchen, teacher's rooms, home economics, bathrooms, slop sinks, etc.).
- Identify/verify if any filters are present (kitchen sinks, fountains) (Filter Inventory Attached D)
- Number the outlets for the sampling plan (Water Outlet Inventory Attached C).
- Mark the outlets on the floor plan (to be formalized in CAD).

With this information, Omega can make an accurate sampling plan. Once the sampling plan is finalized, it is to be reviewed and approved by the client.

The sampling is to be conducted in accordance with the Sampling Plan, including the following:

- If outlets have been out of service for more than two day, a pre-sampling flushing procedure is required. A competent member of the facility is to flush, tag, and document the outlets 48 hours prior to our arrival. (See attached Flushing Log and Flush Tag)*
- Document the water is stagnant 8-48 hours before our arrival (Pre Sampling Water Use F Attached)*
- Upon arrival, have Omega staff ensure sampling plan is correct with a quick walk through.
- Begin First Draw sampling.
- Once samples have been analyzed, Omega can prepare an excel spreadsheet with results.

* To be performed by school representative.

Exclusions/Project Requirements:

- Minimum of 2 to 3 schools must be available for sampling on same day, with required 8-48 hour 'no water use' period before sampling
- **For common bathroom and/or other sinks are excluded from testing program, then these locations should be marked "no drinking water".**

Price:

NOTE: If elevated results indicate that flush samples are appropriate, additional flush sampling will be performed at the hourly and analytical rates listed below.

Schools/Facility	Approximate Quantity of Outlets/Samples	Plumbing Investigation and Sampling Plan Development (\$80/hr.)	Field sampling hours (\$47/hr.)	Lead Water Samples (1 st Draw Only per Location) (\$24/sample)
# 01 Burnet Middle School	250 (including 5 blanks)	\$480	\$188	250 samples x \$24/sample = \$6000
# 02 Franklin Elementary School		\$480	\$188	
#03 District Administration Building		\$80	\$188	
#04 Hamilton Elementary School		\$480	\$188	
#05 Kawahmech Middle School		\$480	\$188	
# 06 Battle Hill School		\$480	\$188	
# 07 Washington Elementary School		\$480	\$188	
# 08 Livingston Elementary School		\$480	\$188	
# 09 Union High School		\$480	\$188	
# 10 Connecticut Farms School		\$480	\$188	
# 11 Hannah Caldwell School		\$480	\$188	
# 12 Jefferson School		\$480	\$188	
Shared field/trip blank QC samples		---	---	
Totals:	250	\$5,360	\$2,256	\$6,000

TOTAL ESTIMATED COST OF PROJECT: \$13,616

Add Alternate Pricing:

Project Management	\$85/hr.
US EPA Lead Risk Assessor	\$70/hr.
Lead Project Designer/Planner	\$75/hr.
Principal	\$150/hr.
Additional Copy of Report	\$50/Copy
Minimum Site Visit Fee	\$200
Office Clerk	\$45/hr.

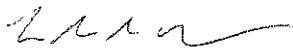
PAYMENT TERMS: PURCHASE ORDER REQUIRED PRIOR TO SCHEDULING FIELD WORK; NET UPON RECEIPT OF INVOICE.

Notes/Exclusions:

- *Price is based on access to the building at the time of arrival.*
 - *A school representative will escort Omega Technician to potable water outlet locations during sampling.*
 - *Omega will only invoice for actual number of samples analyzed and labor performed.*
 - *Price based on information provided by client.*
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If you have any questions, please do not hesitate to contact our office at 201.489.8700.

Sincerely,



Rey Montes de Oca

RMdO/NZ