



September 30, 2020

Mr. John Carr, P.E.
School Facilities Management Department
Yonkers Public Schools
One Larkin Center, 3rd Floor
Yonkers, NY 10701

**Re: Capital Improvement Rehabilitation Project
Saunders Trades and Technical High School**

Dear Mr. Carr:

LiRo Engineers, Inc. (LiRo) is pleased to submit this proposal to provide Yonkers Public Schools (YPS) for Construction Management Services in connection with the proposed HVAC capital improvement rehabilitation at Saunders Trades and Technical High School. LiRo is intimately familiar with this HVAC project and the related environmental code compliance elements as a result of our role in preparing the feasibility and design documents for YPS. As you are aware, LiRo possesses the in-house, interdisciplinary hazardous materials and engineering services that makes LiRo well suited this project. For this very project, we have provided environmental inspection and design, mechanical engineering assessment and design, and Virtual Design services including a Building Information Model (BIM) that we created on your behalf.

SCOPE OF SERVICES

LiRo will provide Construction Management consulting support to Yonkers Public Schools on a not-to-exceed, time and materials basis as the HVAC renovation work is implemented. The broader Construction Management services required for this project consist of three integrated elements:

1. Construction Administration (CA);
2. Construction Inspection (CI); and
3. Environmental/Abatement Monitoring and Management.

Construction Administration

Construction Administration (CA) will be necessary as early as March 2021 (if not sooner based upon contractor NTP). Our CA work will include responding to Contractor's Requests for Information, reviewing work plans and project submittals required under the contract specifications, maintaining a log of all project submittals for the duration of the work, and representing YPS on addressing any unforeseen field conditions that require scope revisions and/or negotiations. We will also manage technical project related inquiries and will undertake discussions and issue correspondence that provides recommendations on an as-needed basis.

Construction Inspection

LiRo's Construction Inspection (CI) work will be performed by a NYS licensed Professional Engineer with a background in mechanical engineering and subordinate staff as appropriate. As indicated in the attached timeline for our integrated services, we estimate that the bulk of the project work in the field will take place between May and September 2021 with front end activities such as abatement of asbestos and space conversions occurring during evenings and weekends late in the spring school semester prior to the formal end of the school year. During these front end activities, CI presence on site will be part-time, in a shared balance with our Environmental Inspector performing the oversight of the abatement and localized



disconnect of asbestos ducts from the HVAC system. Observation of the contract work on a full-time basis will be required during the height of the HVAC renovation work that is assumed to occur during the summer of 2021. One unique benefit to having LiRo provide these CI services is our access and familiarity with the BIM model for the site, that we foresee being a useful tool in confirming the routing or re-routing of HVAC duct work conveyance and related electrical and signal conduits as represented in the design and contractors shop drawings.

Environmental/Abatement Monitoring and Management

Environmental Inspection work will be coordinated with LiRo's CI work and will be conducted by a New York State Department of Labor certified Abatement Project Monitor. Any disturbance to asbestos materials will be monitored pursuant to federal and state requirements, and LiRo's proposed scope of work, and includes the collection and analysis of area air samples related to the remediation work of this contract. Our Environmental Inspector will work for a period assumed to be approximately 14 work shifts over several weeks and during this time maintain a record of all permits, sample reports, variances, waste manifests, air test reports, and log of all on-site activities.

Fee for Services

LiRo estimates that our fee for these integrated services will be \$79,432.35 based upon the rates and project schedule in the attached cost breakdown.

LiRo has the personnel resources, technical knowledge and familiarity with procedures to fully support Yonkers Public Schools with this project. We appreciate the opportunity to submit this proposal. Should you require any additional information, please contact me at 516-938-5476.

Sincerely,

LiRo Engineers, Inc.

A handwritten signature in blue ink, appearing to read 'Christopher Zanoni', is written over a light blue horizontal line.

Christopher Zanoni
Vice President

CC John Becker YPS

Attachment