



LiRo Engineers, Inc.

A LiRo Group Company

Three Aerial Way, Syosset, NY 11791 Telephone 516.938.5476 Facsimile 516.937.5421

Via E-Mail (jcarr@yonkerspublicschools.org)

September 16, 2019

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

**Re: Architectural/Engineering/Environmental Design Services
Saunders Trades and Technical High School
YPS Request for Proposal Number 420-19-18**

Dear Mr. Carr:

LiRo Engineers, Inc. is pleased to submit this proposal to provide Yonkers Public Schools (YPS) with Architectural/Engineering/Environmental Design Services in connection with the preparation of sketch-plan level design, preliminary schedule and cost estimate relating to corrective measures that may be necessary for the optimal functioning of the HVAC system at Saunders Trades and technical High School.

We recognize that the scope of work elements of this project will include:

1. Verifying the location of HVAC ducts and Performing a visual assessment of these ducts to determine the overall impact associated with isolating, cleaning these ducts as part of a systemic upgrade to the HVAC supply requirements to the school.
2. Preparing recommendations for viable systemic upgrades including cost estimates for temporary HVAC and/or replacement HVAC.
3. Preparing schematic design plans for the viable recommendation presented to YPS - Design includes,
 - a. Remediation plans and specs
 - b. HVAC plans that reflect existing conditions and proposed measures

LiRo will use existing system as-built drawings and AUTOCAD HVAC plans, as well as the 3D scan prepared by our Virtual Design department for YPS under a separate contract, coupled with additional visual assessments as necessary to ascertain the conditions of the HVAC system components.

We propose to provide the above for the lump sum cost of **\$42,950.00**. We will complete the work of this project scope within 60 calendar days from our notice to proceed. This includes an interim submission on or around the midpoint of the project period, consisting of the surveillance results (including video) and shortlist of viable recommendations.

LiRo Expected Payment Terms:

- Initial payment of 25% due upon completion of field reconnaissance to assess existing conditions associated with the subterranean ducts in the student dining area and elsewhere at the school.
- Final payment of 75% due upon acceptance of final report and Schematic Design documents.

All payments are due net 90 days upon receipt of invoice.



LiRo will provide digital copies of all reports and drawings. All printing (reproducible and blueprints) of reports and drawings will be done on a reimbursable basis and only if written approval is received from your office. We shall provide separate individual invoices submitted to your office. The maximum reimbursable for this project will not exceed \$400.00

Cad Plotting:		Delivery:	
Bond - \$2.00 / plot or print		Federal Express - At Cost	
Reproduction:			
Xerox		Color	
8.5 x 11 = \$0.10/sheet		8.5 x 11 = \$1.65/sheet	
8.5 x 14 = \$0.11/sheet			
11 x 17 = \$0.35/sheet			

In the event that additional tasks related to this effort are requested by YPS, the following 2019 hourly rate table by title will be applied to an Actual Expense proposal for said tasks:

Title	Hourly Rate
Principal	\$280.00
Senior Project Manager	\$196.00
Project Manager	\$196.00
Senior Engineer	\$154.00
Engineer	\$126.00
Junior Engineer	\$112.00
Designer	\$161.00
AutoCAD Draftsperson	\$ 98.00
Asbestos Inspector/Designer	\$ 90.00

The following exclusions apply to the terms of this proposal:

- The proposal and the respective fee is valid for 90 days from the issuance date. After 90 days, LiRo reserves the right to void or modify this proposal and the respective fee.
- Plumbing and Fire Sprinkler engineering services
- Review of payment requests and percent complete from contractor.

Should you have any questions regarding this proposal, please contact me at 516-938-5476.

Sincerely,
LiRo Engineers, Inc.

Christopher Zaroni
Vice President