

# SEI DESIGN GROUP COST PROPOSAL - RFP No. 420-12-24-12

TABLE 3.01		
RFP 420-24-12	BOILER PLANT UPGRADES AT PEARL HAWTHORNE SCHOOL	
	PROPOSED PROGRESS SCHEDULE AND LUMP SUM FEES FOR BASIC SERVICES	
PROJECT PHASE	DURATION (Weeks)	FEE
		Budget \$1,500,000 (including soft costs)
Kick-off	1	\$5,625
Schematic Design Boiler Plant Fee New Gas Service Fee	4	\$18,350 Boiler Plant Fee \$2,150 New Gas Service Fee
Design Development Boiler Plant Fee New Gas Service Fee	6	\$18,350 Boiler Plant Fee \$2,150 New Gas Service Fee
SED Submission & Construction Documents Boiler Plant Fee New Gas Service Fee	6	\$29,425 Boiler Plant Fee \$2,950 New Gas Service Fee
WCDOH Air Permit To Construct Fee	1-2, +8-10 for agency review	\$6,000*
WCDOH Air Permit To Operate Fee	1-2 +4-6 AFTER construction completion for agency review	\$4,000* ←
Bidding and Negotiation	N.A.	N.A.
Construction Administration	N.A.	N.A.
Additional Services Reimbursables Consultants Proposed	N.A.	\$15,000.00
Markup <u>15</u> %		\$13,160.00 ←
<b>TOTAL</b>	<b>17</b>	

Defer and award  
during Bidding and CA  
Phase

Include for NYDEC  
Permit Process Fee

TOTAL SUM OF THIS PROPOSAL  $\$104,000.00 - \$4,000.00 + \$13,160.00 = \$113,160.00$

Matthew S. Monaghan, AIA  
(printed name of proposer)

Architect or Engineer

\*See next page

REVIEWED AND EDITED  
BY LEE PAVONE  
SR. MECH. ENGINEER  
1/30/2025

#### \*Air Pollution Control Program Permit Application

We believe based on new regulation that you may need to also need to submit a New York State Department of Environmental Conservation (NYSDEC) permit along with the county one. Referencing that, once the new boiler design has been developed and approved by the Project stakeholders, our team will prepare the required Westchester County Department of Health (WCDOH) and New York State Department of Environmental Conservation (NYSDEC) air pollution control permit application package (Air Permit Package). Since the current boilers are over 30 years old, we propose to terminate the current WCDOH and NYSDEC Air Pollution Control Permit and file for a new WCDOH and NYSDEC Air Pollution Control Permit to Construct and Certificate to Operate for the new, high efficiency boilers and associated stacks with emission control devices. The first step in the WCDOH and NYSDEC air permitting process, our team will prepare the required fact sheet and summary of the new boilers and then schedule and attend a technical consultation meeting with each organization.

Since a new boiler system with state of the art, regulated emission controls are planned for this project, no stack emission tests are proposed as part of this air permitting scope of work. If the WCDOH and NYSDEC technical consultation meeting identifies the need for stack emission tests on the installed new boiler system emission stacks, we will be pleased to prepare a separate proposal for this stack emission test scope of work. Since this proposal also includes the design and specification of new boilers with state of the art emission controls, the potential boiler emissions are not known at this time. Therefore, we have assumed that the emissions are low and will not require a Title V Air Source Permit. If the emissions, measured in tons, are above the stated regulated threshold, then a Title V Air Source Facility Permit will be required. After the new boilers and emission controls are selected, we will then identify this potential annual emission, the regulated threshold(s), and the Title V Air Source Facility Permit applicability. If a Title V Air Source Facility Permit is required, then we will prepare and issue a separate proposal for this additional work.

After this WCDOH technical consultation meeting, our team will prepare the required, complete WCDOH and NYSDEC "Applications for Permit to Construct and Certificate to Operate" for the new boilers.

We have budgeted for up to 1 round of reasonable WCDOH and NYSDEC comments necessary to finalize the Air Permit Package and support the issuance of the required, new WCDOH and NYSDEC Air Pollution Control Permit to Construct and Certificate to Operate. Once these new WCDOH and NYSDEC permits are issued, we will review, prepare, and issue an "Air Permit - Owner Commitment Checklist" for the Project Record and identify the required routine Owner monitoring and reporting requirements.

As requested, this proposal accounts for the potential required WCDOH fees as noted in the fee schedule and denotes the potential additional fees for the NYSDEC permit application here below.

1. NYSDEC Application and Registration Fee at \$13,160 (assumed 1 emission stack for the 3 boilers and a 10-year, non-major source air facility registration)

SEI will bill for the actual Application Fees with appropriate receipts from the WCDOH and NYSDEC regulatory agencies. Once the new boiler design and specification is developed we will adjust the final value to accommodate the design required application fees.

LE

# SEI DESIGN GROUP COST PROPOSAL - RFP No. 420-12-24

TABLE 3.01		
RFP 420-24-12	BOILER PLANT UPGRADES AT PEARL HAWTHORNE SCHOOL	
	PROPOSED PROGRESS SCHEDULE AND LUMP SUM FEES FOR BASIC SERVICES	
PROJECT PHASE	DURATION (Weeks)	FEE
		Budget \$1,500,000 (including soft costs)
Kick-off	1	\$5,625
Schematic Design Boiler Plant Fee New Gas Service Fee	4	\$22,500
Design Development Boiler Plant Fee New Gas Service Fee	6	\$22,500
SED Submission & Construction Documents Boiler Plant Fee New Gas Service Fee	6	\$33,750
WCDOH Air Permit To Construct Fee	1-2, +8-10 for agency review	\$6,000*
WCDOH Air Permit To Operate Fee	1-2, +4-6 AFTER construction completion for agency review	\$4,000*
Bidding and Negotiation	N.A.	N.A.
Construction Administration	N.A.	N.A.
Additional Services Reimbursables Consultants Proposed	N.A.	\$15,000.00
Markup <u>15</u> %		
TOTAL	17	

TOTAL SUM OF THIS PROPOSAL \$109,375

Matthew S. Monaghan, AIA  
(printed name of proposer)

Architect or Engineer

**\*See next page**

