

# **WORK PLAN AND FEE PROPOSAL** **LCG LANTECH, INC**

PBSD HS-MS Roof Replacement CA Services Revision 0 - 3.21.25											
	Principal in Charge										Amount
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**LCG Lantech, Inc.**

<b>PBSD</b> <b>HS-MS Roof Replacement</b> <b>CA Services</b> <b>Revision 0 - 3.21.25</b>				
EXPENSE ITEM	UNITS	QUANTITY	UNIT COST	AMOUNT
<b>CONST ADMINISTRATION (CA) OFFICE</b>				
<b>REIMBURSABLE COSTS (Cost+15%)</b>				
Miscellaneous Expenses	job	1	250	250.00
Mark-up at Cost + 15%				37.50
<b>SUBTOTAL EXPENSES @ 15% Mark-up</b>				<b>287.50</b>
<b>I. Site Inspection Visit</b>				
Airfare: ANC to Petersburg	round trip	3	\$ 1,100.00	3,300.00
Lodging	job	3	200.00	600.00
Per diem	job	6	95.00	570.00
Parking	day	3	16.00	48.00
Car Rental	job	3	150.00	450.00
Mark-up - 15%				745.20
<b>SUBTOTAL SITE INSPECTION EXPENSES</b>				<b>\$ 5,713.20</b>
<b>TOTAL EXPENSES</b>				<b>\$ 6,000.70</b>



April 30, 2024

LCG Lantech, Inc.  
250 H Street  
Anchorage, AK 99501

Attention: Wallace Swanson

Subject: PBSB Middle/High School Roof Replacement.

Dear Wally:

Thank you for the opportunity to provide this proposal for mechanical and electrical engineering services for the referenced project. We understand the scope of work to be as follows:

1. General: Mechanical and electrical design associated with replacement of the roof at the Petersburg middle school / high school located in Petersburg Alaska. We understand the existing school is approximately 95,000 square feet and consists of several different roof types. We anticipate the project will be procured as a design bid type project. We anticipate the scope of work will include repairs indicated in the roof condition survey report dated April 2023, 35% schematic design drawings, as well as associated email correspondence during the weeks of 4/15-4/26.
2. Site Investigation: We have included a separate line item for a site visit to Petersburg as part of the design process to gather and verify information relating to mechanical and electrical systems to facilitate roof replacement. We note the site visit may be combined with a site visit for the Front Office Upgrades project if both project schedules allow. We anticipate the site visit will be a two-day trip with overnight stay in Petersburg due to availability of flights. We anticipate the Petersburg School District will provide transportation to/from the airport and to our hotel if out of walking distance.
3. Mechanical Design: We anticipate mechanical design to include plumbing and HVAC systems as applicable to roof replacement. We anticipate the majority of the roof mounted equipment will be removed and reinstalled to facilitate roof replacement. We do not anticipate design associated with replacement of roof mounted equipment unless specifically indicated. We anticipate mechanical design associated with systems and repairs will be limited to the following:
  - New overflow drain serving Roof Area E
  - Insulation on ductwork located in the attic.
  - Removal and reinstallation of mechanical systems located in the mechanical room.
4. Electrical Design: We anticipate electrical design to include power and lighting systems as applicable to roof replacement. We anticipate this will be limited to

equipment on the roof and fixtures/device in/on the ceiling in Mechanical Room 202. It is our understanding that existing equipment is to be removed and reinstalled and that no new equipment, fixtures, or devices is to be installed. We anticipate design for disconnection and reconnection of power connections to this equipment. It is our understanding that new heattrace is not to be added and that the Tsunami warning system, if needed to be removed and/or disconnected and reconnected, will be by others and is not included in our design.

5. Specialty Systems: We do not anticipate any scope of work associated with specialty systems such as camera surveillance, security systems, sound, and similar systems.
6. Fire Protection Systems: We anticipate that fire protection systems including sprinkler systems and fire alarm systems will be performance specified with actual system design by the specialty contractor.
7. Seismic Restraint: The proposed fees do not include design of seismic restraint systems. Such systems are structural in nature and are not relevant to mechanical and electrical design. We anticipate that design of seismic restraint systems will be addressed by the subcontractor as a deferred submittal.
8. Cost Estimating: We anticipate that others will prepare cost estimating if required and it is not included in our proposed fees.
9. Specifications: We anticipate providing sheet type specifications.
10. Bid/Construction Administration Phase: We have included a separate line item for providing bid and construction phase services to include response to questions during bidding, review of contractor submittals, responding to contractor questions, one site inspection (rough-in) for each discipline, and preparation of record drawings based on contractor field markups.

For these mechanical/electrical engineering services we propose lump sum fees as follows:

**35% Schematic Design**

Mechanical	\$ 6,000
Electrical	\$ 4,500
Subtotal	\$ 10,500

**65% Design Development**

Mechanical	\$ 5,500
Electrical	\$ 4,000
Subtotal	\$ 9,500

**95% Construction Documents**

Mechanical	\$ 5,500
Electrical	\$ 4,000
Subtotal	\$ 9,500

**Bid Documents**

Mechanical	\$ 2,000
<u>Electrical</u>	<u>\$ 1,500</u>
Subtotal	\$ 3,500

**Site Investigation**

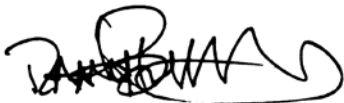
Mechanical	\$ 5,000
<u>Electrical</u>	<u>\$ 5,000</u>
Subtotal	\$ 10,000

**Bid/Construction Phase Support**

Mechanical	\$ 9,000
<u>Electrical</u>	<u>\$ 9,000</u>
Subtotal	\$ 18,000

Thank you again for your consideration on this project. If you have any questions or comments, please contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'Randy Burnham', with a stylized flourish at the end.

Randy Burnham, PE  
HZA Engineering