

WORK PLAN AND FEE PROPOSAL
LCG LANTECH, INC

PBSD Door Security Upgrades CA Services Revision 0 - 11.24.25		Principal in Charge	Principal I	Sr Engineer IV	Architect III	Sr Engineer III	Engineer Tech. IV	Engineer Tech. III	Office Tech II	Amount
	HOURLY LABOR RATES	221.00	189.00	185.00	160.00	164.00	116.00	110.00	105.00	
	CONST ADMINISTRATION (CA) OFFICE									
1	Task coordination; general mgmt	6			12				6	3,876.00
2	Preconstruction Conference;	1			4				1	966.00
3	Submittal Reviews; responses				8		4		2	1,954.00
4	DCVR and RFI reviews; responses; coord				8		4		1	1,849.00
5	Prepare As-Built Record Drawings; coord				6		4		1	1,529.00
	M&E Consultant: HZA Engineering									8,580.00
	Expenses									287.50
	SUBTOTAL	7			38		12		11	19,041.50
	CONST ADMINISTRATION (CA) SITE									
1	Task coordination; general mgmt	4			8				4	2,584.00
2	Substantial Completion (Arch)	20							2	4,630.00
3	Final Inspection (Arch)	20							2	4,630.00
4	Trip Reports	4							4	1,304.00
	M&E Consultant: HZA Engineering									6,930.00
	Expenses									3,808.80
	SUBTOTAL	48			8				12	23,886.80
	TOTAL LABOR HOURS	55			46		12		23	
	TOTAL FEE									42,928.30

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EXPENSE ITEM	UNITS	QUANTITY	UNIT COST	AMOUNT
CONST ADMINISTRATION (CA) OFFICE				
REIMBURSABLE COSTS (Cost+15%)				
Miscellaneous Expenses	job	1	250	250.00
Mark-up at Cost + 15%				37.50
SUBTOTAL EXPENSES @ 15% Mark-up				287.50
I. Site Inspection Visit				
Airfare: ANC to Petersburg	round trip	2	\$ 1,100.00	2,200.00
Lodging	job	2	200.00	400.00
Per diem	job	4	95.00	380.00
Parking	day	2	16.00	32.00
Car Rental	job	2	150.00	300.00
Mark-up - 15%				496.80
SUBTOTAL SITE INSPECTION EXPENSES				\$ 3,808.80
TOTAL EXPENSES				\$ 4,096.30



November 27, 2024

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

Attention: Wallace Swanson

Subject: Petersburg School District – Access Controls

Dear Wally:

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

1. General: Provide electrical engineering and design associated with the addition of door access controls at 4 different school district owned buildings located in the Petersburg School District.
 - Petersburg High/Middle School
 - Stedman Elementary School
 - Petersburg Voc/Ed Shop Building
 - Petersburg District Office Building

We anticipate producing a single set of design documents for work to be done at all 4 buildings as a single construction project. The proposed fees do not include design of access control systems for the Parks/Recreation, pool, or any other adjacent buildings.

2. Site Trip: We anticipate conducting a single site visit to Petersburg as part of the design process to gather and verify information relating to electrical systems to facilitate the access controls additions. We anticipate the site visit will be a three-day/2-night 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. The proposed fees include all other travel related costs.
3. Electrical Design: We anticipate providing electrical drawings identifying quantities and locations of door access controls (badge readers, door contacts, request to exit devices, headend controls) and ADA door openers as well as their required 120 Volt power connections. It is anticipated that all devices requiring 120 Volt power, excluding the new automatic door operators, will be located at each building's respective access controls headend equipment location. We anticipate providing notes and specifications for the access control equipment including management software and badge printer.

We anticipate that the existing electrical panelboards, distribution equipment, and service have adequate capacity for the headend equipment, automatic door openers, etc. and therefore our engineering fees do not include design for new electrical panels, transformers, or primary distribution systems.

It is our understanding that the existing fire alarm system will need to be connected to the new access control system. We do not anticipate providing design for replacement or upgrade of the existing fire alarm system. We anticipate that this will be performed by the contractor, if necessary.

We do not anticipate verification of existing fire alarm, camera surveillance, or other similar systems operation and functionality or design of upgrades to existing systems for integration into the new door access control system. The proposed fees do not include design and/or selection of doors or door hardware including electric strikes, electric hinges, etc. It is our understanding that the architect will have a door hardware sub-consultant that will provide this design and/or specification. The proposed fees do not include shop drawing design or detailing. We anticipate that the contractor will produce the necessary shop drawings and details. We do not anticipate design for any fire alarm magnetic door hold open devices. We do not anticipate design for new fire alarm, surveillance camera, or other specialty system equipment or devices. The proposed fees do not include cost estimating or participation in a commissioning process.

4. Extended Travel Days: For site visits that are extended due to commercial airline travel schedules or extended due to weather cancellation of airplanes, potential Covid-19 restrictions or similar, we anticipate the below fees will be renegotiated or the additional time spent will be reimbursed on a time and material basis at our standard billing rates.
5. Seismic Restraint: The proposed fees do not include design of seismic restraint systems. Such systems are structural in nature and are not relevant to electrical design. We anticipate that design of seismic restraint systems will be addressed by the subcontractor as a deferred submittal.
6. Cost Estimating: We anticipate that others will prepare cost estimating if required and it is not included in our proposed fees.
7. Specifications: We anticipate the use of sheet type specifications and that book specifications will not be required.
8. Bid Phase Services: We anticipate providing response to contractor or owner questions during the bid phase. We do not anticipate any site trips for pre-bid meetings. We can be available by phone during such meetings, if required.
9. Construction Administration Phase: We anticipate providing construction phase services to include review of contractor submittals, responding to contractor questions, and review of O&M manuals. We have provided a separate line item fee for a single site inspection (2 day/1 night). We anticipate that the site inspection will be limited to visual observations only and does not include testing or participation in a commissioning process of the access controls system. The proposed fees do not include preparation of record drawings.

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

Site Trip

Electrical Site Trip Investigation	\$ 5,600
Electrical Expenses	\$ 1,850
Sub-Total	\$ 7,450

Design/Bid Documents

35% Electrical Design	\$ 18,200
65% Electrical Design	\$ 15,600
95% Electrical Design	\$ 15,600
Electrical Bid Documents	\$ 2,800
Sub-Total	\$ 52,200

Bid Phase Support

Electrical Bidding Support	\$ 3,200
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Construction Phase Support

Electrical Construction Admin	\$ 7,800
Electrical Site Visit	\$ 6,300
Sub-Total	\$ 14,100

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

Sincerely,



Brett Bingham, P.E.
HZA Engineering