

CITY OF UNALASKA
UNALASKA, ALASKA

ORDINANCE NO. 2018-12

CREATING BUDGET AMENDMENT #3 TO THE FISCAL YEAR 2019 BUDGET, INCREASING GENERAL FUND TRANSFERS TO CAPITAL PROJECTS TO FUND PROPRIETARY FUND CAPITAL PROJECT EXPENDITURES FOR THE WIND ENERGY PROJECT AND DECREASING THE CURRENT YEAR BUDGETED SURPLUS, RECOGNIZING CAPITAL PROJECT FUND TRANSFERS FROM GENERAL FUND AND INCREASING CAPITAL EXPENDITURES; INCREASING ELECTRIC ENTERPRISE FUND TRANSFERS TO CAPITAL PROJECTS TO FUND CAPITAL PROJECT EXPENDITURES FOR THE OLD POWERHOUSE BATTERY REPLACEMENT PROJECT, AND RECOGNIZING TRANSFERS FROM ENTERPRISE FUND AND INCREASING EXPENDITURES IN CAPITAL PROJECT FUND; INCREASING ELECTRIC LINE REPAIR & MAINTENANCE OPERATING EXPENDITURES TO FUND INCREASED COSTS TO PURCHASE ROLLING STOCK.

BE IT ENACTED BY THE UNALASKA CITY COUNCIL

- Section 1. Classification: This is a non-code ordinance.
 Section 2. Effective Date: This ordinance becomes effective upon adoption.
 Section 3. Content: The City of Unalaska FY19 Budget is amended as follows:

- A. That the following sums of money are hereby accepted and the following sums of money are hereby authorized for expenditure:
 B. The following are the changes by account line item:

Amendment No. 3 to Ordinance #2018-04

		Current	Requested	Revised
I. OPERATING BUDGETS				
A. General Fund				
Sources				
	Current year budget remaining surplus	480,854	220,000	260,854
Uses				
	Transfers out - Capital Projects Proprietary Fund	2,651,665	220,000	2,871,665
A. Electric Enterprise Fund				
Sources				
	Electric Enterprise Fund - Budgeted use of Unrestricted Net Position	309,912	265,000	574,912
Uses				
	Electric Enterprise Fund Capital - Transfers to Capital Projects	1,621,402	250,000	1,871,402
	Electric Line Repair & Maintenance - Machinery and Equipment	1,392,473	15,000	1,407,473
II. CAPITAL BUDGETS				
A. Electric Enterprise Fund				
Sources				
	Electric Enterprise Fund - Transfer from General Fund	EL18C	200,000	220,000
	Electric Enterprise Fund - Transfers from Proprietary Fund	EL17B	513,070	250,000
				763,070
Uses				
	Electric Enterprise Fund Capital - Windy Study Improvement	EL18C	513,070	220,000
	Electric Enterprise Fund Capital - Old Powerhouse Battery System	EL17B	303,912	250,000
				733,070
				553,912

PASSED AND ADOPTED by a duly constituted quorum of the Unalaska City Council on October 23, 2018.



Dennis Robinson
Vice Mayor

ATTEST:


 Marjie Veeder
 City Clerk 



**Fiscal Year 2019 Budget Amendment #3
and Schedule of Proposed Accounts**

- 1) General Fund - Operating Budget
Decreasing the current year Budgeted Surplus and Increasing the Transfers to Capital Projects to fund capital expenditures for the Wind Energy Project.
- 2) Electric Enterprise Fund Operating Budget
Increasing the Budgeted Use of Unrestricted Net Position to fund Transfers to Enterprise Capital Projects and, increasing the Electric Line Maintenance operating budget to fund increased cost of FY19 rolling stock.
- 3) Electric Enterprise Fund Capital Budget
Recognizing Transfers from General Fund and Enterprise Operating and increasing expenditures in the project funds.

	<u>Org</u>	<u>Object</u>	<u>Project</u>	<u>Current</u>	<u>Requested</u>	<u>Revised</u>
B.						
1) General Fund - Operating Budget						
<i>Sources:</i>						
Current year budgeted surplus	0100	38800		480,854	220,000	260,854
<i>Uses:</i>						
Transfer to Enterprise Capital Projects	1029854	59940		275,006	220,000	495,006
2) Electric Enterprise Fund - Operating Budget						
<i>Sources:</i>						
Enterprise Fund use of unrestricted net position	50015049	49910		309,912	265,000	574,912
<i>Uses:</i>						
Transfer to Enterprise Capital Projects	50029854	59940		1,621,402	250,000	1,871,402
Machinery and Equipment	50024253	57400		150,000	15,000	165,000
3) Electric Enterprise Fund - Capital Budget						
<i>Sources:</i>						
Transfers from General Fund	50119848	49100	EL18C	200,000	220,000	420,000
<i>Uses:</i>						
Engineering and Architectural	50125053	53240	EL18C	146,254	170,000	316,254
Machinery and Equipment	50125053	57400	EL18C	51,526	50,000	101,526
<i>Sources:</i>						
Transfers from Enterprise Operating	50119848	49130	EL17B	513,070	250,000	763,070
<i>Uses:</i>						
Construction Services	50125053	54500	EL17B	251,000	250,000	501,000

MEMORANDUM TO COUNCIL

To: Mayor and City Council Members
From: Lori Gregory, DPW/DPU Office Manager
Thomas Cohenour, Director, Department of Public Works
Dan Winters, Director, Department of Public Utilities
Through: Thomas Thomas, City Manager
Date: October 9, 2018
Re: Ordinance 2018-12: A Budget Amendment Request for \$220,000 to fund Phase III of the Wind Energy Project EL18C

SUMMARY: Ordinance 2018-12 will provide \$220,000 in General Fund monies to the Engineering & Architectural Services line item of the Wind Energy Project in order to fund Phase III work.

PREVIOUS COUNCIL ACTION: In 2003, Unalaska City Council approved the Wind Integration Assessment Project through Ordinance 2003-11. In FY2018, Council funded the Wind Power Development and Integration Assessment Project through Capital Budget Ordinance 2017-07. In 2017, Council entered into an Agreement with V3 Energy, LLC to perform the Wind Power Development & Integration Assessment Phase II – IV Project in the amount of \$48,481 via Resolution 2017-63, moving forward with Phase II work.

BACKGROUND: From 2003 to 2005, a Phase I analysis of the feasibility for wind energy in Unalaska was conducted by Northern Power Systems, however, Phase II of that project was never realized. Local interest in renewable energy and the availability of new technology led the City of Unalaska Department of Public Utilities to issue a Request for Qualifications for Phase II – IV of the Wind Power Development and Integration Assessment Project. V3 Energy, LLC was awarded the work. Through a Change Order to the V3 Agreement, Staff added the Phase III task of “MET Tower installation” to their scope of work for \$95,768 including additional anchors and an aircraft warning light for LSA. The MET Tower installation includes both Pyramid Valley and LSA but not Hog Island. Staff negotiated lease agreements with the property owner at the locations where the towers will be erected and obtained FAA permits. The MET Tower Kits specified by V3 were purchased from NRG Systems, Inc. for \$51,625 including shipping. The Hog Island MET was not ordered due to delays from the FAA and uncertainty over approval.

DISCUSSION: Staff is requesting \$220,000 from the General Fund be placed into the Engineering & Architectural Services line item of the Project’s Budget to fund the remaining Phase III tasks: the Hog Island MET, 2 years of Data Analysis, MET Tower Tune-ups / Status Checks, and MET Tower Decommissioning. A Change Order will be executed with V3 Energy, LLC, in the amount of \$170,624 to add to the balance of the

Phase III work to the scope of work under the Agreement including adding the Hog Island MET. The Hog Island MET enriches the quality of the Pyramid data and could be a feasible site if the wind resource warrants the additional site development costs. The remainder of the request is an approximate 20% contingency.

ALTERNATIVES: (1) Reduce the amount of the budget amendment request to \$120,000 to exclude the Hog Island MET or (2) do not fund the budget amendment request and abandon the project.

FINANCIAL IMPLICATIONS:

EL18C - WIND ENERGY/ELECTRIC PRODUCTION				CURRENT BUDGET	THIS REQUEST	REVISED BUDGET
5012-5053	53230	EL18C	Legal	\$ 500.00	\$ -	\$ 500.00
5012-5053	53240	EL18C	Engineering & Architectural	\$ 9,602.86	\$ 220,000.00	\$ 229,602.86
5012-5053	53300	EL18C	Other Professional Services	\$ 7,315.00	\$ -	\$ 7,315.00
5012-5053	55310	EL18C	Telephone / Fax / TV	\$ 120.30	\$ -	\$ 120.30
5012-5053	55901	EL18C	Advertising	\$ 350.00	\$ -	\$ 350.00
5012-5053	57400	EL18C	Machinery & Equipment	\$ 55,000.00	\$ -	\$ 55,000.00
				<u>\$ 72,888.16</u>	<u>\$ 220,000.00</u>	<u>\$ 292,888.16</u>

LEGAL:

STAFF RECOMMENDATION: Staff recommends fully funding this Budget Amendment request as Phase III will determine if wind power is feasible for the City of Unalaska.

PROPOSED MOTION: I move to approve Ordinance 2018-12 and schedule it for second reading and public hearing on October 23, 2018.

CITY MANAGER COMMENTS: I support the Staff Recommendation.

ATTACHMENTS: None

MEMORANDUM TO COUNCIL

To: Mayor and City Council Members
From: Lori Gregory, DPW/DPU Office Manager
Thomas Cohenour, Director, Department of Public Works
Dan Winters, Director, Department of Public Utilities
Through: Thomas Thomas, City Manager
Date: October 9, 2018
Re: Ordinance 2018-12: A Budget Amendment Request for \$15,000 to Fully Fund the FY19 Rolling Stock Purchase for the Electric Line Repair & Maintenance Division of the Department of Public Utilities

SUMMARY: Staff requests \$15,000 from the Electric Utility Proprietary Fund to cover a budget shortfall for the purchase of a gasoline powered bucket truck for the Electric Line Repair & Maintenance Division of the Department of Public Utilities.

PREVIOUS COUNCIL ACTION: Council funded the FY2019 Capital and Operating Budgets via Ordinance 2018-04, approved and adopted on May 22, 2018, which included the Rolling Stock Replacement Plan for FY19. The sum of \$150,000 was provided for the purchase of a bucket truck for the Electric Line Repair & Maintenance Division.

BACKGROUND: The estimate provided via CMMP for the purchase of the Bucket Truck was an estimate based on other recent vehicle purchases and not a hard dollar quote. The Vehicle Maintenance Division is moving towards fewer diesel-powered street vehicles in order to reduce maintenance costs, and staff neglected to include the extra cost to obtain a gasoline-powered vehicle instead of a diesel-powered one.

DISCUSSION: Upon receipt of the updated quote from the vendor, Staff realized the budgeted estimate was unable to cover the cost of a gas-powered truck. The vendor, Altec, has agreed to honor their quote of \$161,072 F.O.B. Dutch Harbor, for an additional 4 weeks. A copy of the sales quote is attached.

ALTERNATIVES: Alternatives to purchasing the vehicle in the preferred configuration are (1) purchase a diesel-powered vehicle, (2) delay the purchase and submit an updated CMMP for FY2020 or (3) postpone the purchase.

FINANCIAL IMPLICATIONS: The \$15,000 requested from the Proprietary Fund of the Electric Utility will be added to the existing \$150,000, providing a total of \$165,000 to purchase the vehicle from G/L 5002-4253-57400. The remaining balance will be used for seat covers and parts for the first scheduled maintenance, and the balance will be returned to the Proprietary Fund at the close of FY19.

LEGAL: Not required.

STAFF RECOMMENDATION: Staff recommends fully funding the \$15,000 requested, and the remaining funds will be returned to the funding source at the end of FY19.

PROPOSED MOTION: I move to approve Ordinance 2018-12 and schedule it for second reading and public hearing on October 23, 2018.

CITY MANAGER COMMENTS: I support the Staff Recommendation.

ATTACHMENTS: Bucket Truck Price Quote #440263-3

July 31, 2018
Our 89th Year

Ship To:
CITY OF UNALASKA
PO BOX 610
UNALASKA, AK 99685
US

Bill To:
CITY OF UNALASKA
PO BOX 610
UNALASKA, AK 99685
United States

Attn:
Phone:
Email:

Altec Quotation Number: 440263 - 3
Account Manager: Nick A Zevenbergen
Technical Sales Rep: Elizabeth Martin

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
	<u>Unit</u>		
1.	<p>Altec Model AT48M Articulating Telescopic Aerial Device with a fiberglass upper boom and fiberglass insulator in the articulating arm and proportional joystick upper controls. Built in accordance to ALTEC's standard specifications and to include the following features:</p> <ul style="list-style-type: none"> A. Ground to Bottom of Platform Height: 47.5 feet at 6.7 feet from centerline of rotation (14.48 m at 2.04 m) B. Working Height: 52.5 feet (16.00 m) C. Maximum reach to edge of platform with Upper Boom Non- overcenter: 31.2 feet (at 21.9 feet platform height) D. Upper boom extension: 110 inches E. Continuous rotation F. Articulating Arm: Articulation is from -3 to 82 degrees. Insulator provides 19 inches of isolation. G. Compensation System: By raising the articulating arm only, the telescopic boom maintains its relative angle in relation to the ground. The work position is achieved through a single function operation. H. Upper Boom: Articulation is from -25 to 85 degrees. The fiberglass section provides a minimum of 33.1 inches of isolation in the upper boom (when retracted and 64.6 inches when extended) I. Platform leveling is achieved by a hydraulic master-slave leveling system. This lifetime system is very low maintenance. J. The dielectrically tested, insulating upper control system includes the following boom tip components that can provide an additional layer of secondary electrical contact protection. Control Handle: A single handle controller incorporating high electrical resistance components that is dielectrically tested to 40 kV AC with no more than 400 microampers of leakage. The control handle is green in color to differentiate it from other non-tested controllers. The handle also includes an interlock guard that reduces the potential for inadvertent boom operation. Auxiliary Control Covers: Non-tested blue silicon covers for auxiliary controls. Control Console: Non-tested non-metallic control console plate. Boom Tip Covers: Non-tested non-metallic boom tip covers. The covers are not 	1	

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
	dielectrically tested, but they may provide some protection against electrical hazards.		
K.	Hydraulic system: Open center (full pressure), maximum flow 6 GPM, maximum operating pressure 3,000.		
L.	Dielectric rating: Category C, 46 kV and below		
M.	Unit is painted with a powder coat paint process which provides a finish-painted surface that is highly resistant to chipping, scratching, abrasion and corrosion. Paint is electrostatically applied to the inside as well as outside of fabricated parts then high temperature cured prior to assembly ensuring maximum coverage and protection.		
N.	Manuals: Two (2) Operator's and two (2) Maintenance/ Parts manuals containing instructional markings indicating hazards inherent in the operation of an aerial device.		
O.	Unit meets or exceeds ANSI 92.2 standards.		
2.	Pedestal	1	
3.	Single 1-Man Platform, Fiberglass (Insulated), 24" x 30" x 42", End Mount, 180 Degree Rotation	1	
4.	No Platform Elevator	1	
5.	Platform Mounted Single Handle Controls	1	
6.	Material Handling Jib/Winch, Hydraulically Articulating, Top Mounted, Round (ARM Jib)	1	
7.	Two(2) Platform steps - located on the side of the platform nearest the elbow in the stowed position	1	
8.	Platform Cover - soft vinyl, 24 x 30 inches (610 x 762 mm)	1	
9.	Platform Liner, 24 x 30 x 42 inches (610 x 762 x 1067 mm), 50 kV Rating	1	
10.	Hydraulic Tool Circuit at Platform: Two set of quick disconnect couplings at the boom tip for open center tools.	1	
11.	Engine Start/Stop & Secondary Stowage System: 12 VDC powered motor and pump assembly for temporary operation of the unit in a situation wherein the primary hydraulic source fails. Electric motor is powered by the chassis battery. This feature allows the operator to completely stow the booms, platform, and outriggers. Secondary Stowage & Start/Stop is activated with an air plunger at the platform or momentary switch at the lower control station and outriggers.	1	
12.	Jib Stick, 36" L, non-extension, non certified, grey in color	1	
13.	Slip Ring: Required for engine start/stop, secondary stowage system, and throttle control options	1	
14.	Outriggers, Primary, Modified A-Frame, 30"-34" Chassis Height, Electric Interlock, No Valves On Legs, 112" Spread, Fixed Shoe (AT48M/ME/P/PE/S/SE)	1	
15.	Auxiliary Vertical H Frame Outriggers with fixed shoe. For installation on a 30 to 34 inch chassis frame height.	1	
A.	Maximum Spread: 87 inches to the outer edge of shoes		
B.	Outrigger Motion Alarms		

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
	C. Outrigger Interlocks: will not allow the unit to be operated until the outriggers have been at least partially deployed		
16.	Winch load line swivel hook	1	
17.	Altec Aerial Device Powder Painted White	1	
<u>Unit & Hydraulic Acc.</u>			
18.	Scuff Pad, 24" x 30", No Step (For use with Platform Liner)	1	
19.	Subbase	1	
20.	Electric Outrigger Controls for two (2) sets of outriggers, drive hydraulic outrigger control valves. Durable weather proof sealed electronic switches mounted in aluminum boxes located at the rear of the unit unless otherwise specified.	1	
21.	Steel Reservoir, 15 gallon capacity, rectangular, 26" L x 8.5" W x 20" H, and includes breather caps and dipsticks	1	
22.	Temperature Sight Gauge	1	
23.	HVI-22 Hydraulic Oil (Standard).	25	
24.	Standard Pump For PTO	1	
25.	Electric Shifted PTO	1	
26.	Standard Altec PTO/Machine Functionality: PTO won't engage until parking brake is set. -Once parking (holding) brake is set, PTO and machine functions are enabled. -If parking (holding) brake is disengaged, both PTO and machine functions are disabled.	1	
27.	Standard PTO/Transmission Functionality for Small Ford and Dodge Chassis	1	
<u>Body</u>			
28.	Altec LGSS-132-84 (81) Low-Side General Service Body With Step:	1	
	A. Steel Body		
	B. Steel Structural Channel Crossmembers And Smooth Floor With Ladder-Style Understructure		
	C. 132" Body Length		
	D. 94" Body Width		
	E. 40" Body Compartment Height		
	F. 20" Body Compartment Depth		
	G. 24" From Body Floor To Compartment Tops		
	H. Finish Paint Entire Body Altec White		
	I. Undercoat Applied Under The Body		
	J. 5.5" Drop-In Composite Cargo Retaining Board At Rear Of Body		
	K. 5.5" Drop-In Composite Retaining Board At Top Of Side Access Step		
	L. Stainless Steel Rotary paddle Latches With Locks		
	M. Gas Props On All Vertical Doors		
	N. Chains On All Horizontal Doors		

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
O.	Standard Master Body Locking System		
P.	Hotstick Shelf Extending Full Length Of Body On Streetside		
R.	One Chock Holder On Each Side of Body With Retaining Lip In Fender Panel		
S.	1st Vertical (SS) - 34" W - One (1) Outrigger Housing And Two (2) Adjustable Shelves With Removable Dividers On 4 Inch Centers		
T.	2nd Vertical (SS) - 24" W - Two (2) Adjustable Shelves With Removable Dividers On 4 Inch Centers		
U.	1st Horizontal (SS) - 50" W - One (1) Fixed Shelf With Removable Dividers On 4 Inch Centers On Bottom of Compartment		
V.	Rear Vertical (SS) - 24" W - Six (6) Locking Swivel Hooks On An Adjustable Rail (1-4-1)		
W.	1st Vertical (CS) - 34" W - One (1) Outrigger Housing And Two (2) Adjustable Shelves With Removable Dividers On 4 Inch Centers		
X.	2nd Vertical (CS) - 24" W - Gripstrut Access Steps With Two (2) Sloped Grab Handles, Vented Battery Storage		
Y.	1st Horizontal (CS) - 50" W - One (1) Adjustable Shelf With Removable Dividers On 4 Inch Centers And One (1) Fixed Shelf With Removable Dividers On 4 Inch Centers On Bottom Of Compartment		
Z.	Rear Vertical (CS) - 24" W - Six (6) Locking Swivel Hooks On An Adjustable Rail (1-4-1)		
AA.	Body Floor Cut-Out For AT48M/ME/P/PE Aerial Device Near Center Of Body		
AB.	Steel Tailshelf, 29" L x 94" W, With Rear Cross Storage And Drop Down Doors		

Body and Chassis Accessories

29.	ICC (Underride Protection) Bumper Installed At Rear	1	
30.	T-60 Style Pintle Hitch (10,000 LB MGTW with 2,000 LB MVL)	1	
31.	Set Of Eye Bolts for Trailer Safety Chain, installed one each side of towing device mount.	1	
32.	Install Counterweight As Needed	1	
33.	Rigid Step Mounted Beneath Side Access Steps (Installed To Extend Approx. 2" Outward)	1	
34.	Platform Rest, Rigid with Rubber Tube	1	
35.	Articulating Arm Rest for a Telescopic Unit	1	
36.	Boom Rest for a Telescopic Unit	1	
37.	Manual Boom Latch Installed on Boom Rest	1	
38.	Wood Outrigger Pad, 19" x 19" x 2.5", With Rope Handle	2	
39.	Outrigger Pad Holder, 20" L x 20" W x 7" H, Fits 19.5" x 19.5" And Smaller Pads, Bolt-On, Bottom Washout Holes, 3/4" Lip Retainer	2	
40.	Pendulum Retainers For Outrigger Pad Holders	2	
41.	Mud Flaps With Altec Logo (Pair)	1	
42.	Wheel Chocks, Rubber, 9.75" L x 7.75" W x 5.00" H, with 4" L Metal Hairpin Style	1	

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
	Handle (Pair)		
43.	Slope Indicator Assembly For Machine With Outriggers	1	
44.	Safety Harness & 4.5 FT Lanyard (Medium To X-large)	1	
45.	Driveaway Safety Kit	1	
46.	Vinyl manual pouch for storage of all operator and parts manuals	1	
<u>Electrical Accessories</u>			
47.	Lights and reflectors in accordance with FMVSS #108 lighting package. (Complete LED, including LED reverse lights)	1	
48.	Altec Standard Amber LED Strobe Light with Brush Guard Altec recommended location	1	
49.	4-Corner Strobes, Amber, LED, Two (2) Surface Mounted Lights In Grille, Two (2) Round Lights At Rear	1	
50.	Dual Tone Back-Up With Outrigger Motion Alarm	1	
51.	6-Way Trailer Receptacle (Pin Type) Installed At Rear	1	
52.	Electric Trailer Brake Controller (Tekonsha Voyager #9030)	1	
53.	Ford Upfitter Switches (Supplied With Chassis)	1	
54.	Mounting bracket for inverter mounted at bottom of body compartment or storage box	1	
55.	Inverter, 3000 Watt, Pure Sine Wave, 120 VAC (Sensata #12/3000N) installed Altec recommended location	1	
56.	Deep Cycle Auxiliary Battery For Vented Applications (Group 31)	1	
57.	Start/Stop/Throttle Module, 12 Volt System	1	
58.	Install secondary stowage system.	1	
59.	Install Remote Start/Stop system in Final Assembly.	1	
60.	Install Outrigger Interlock System	1	
61.	Standard Duty Secondary Stowage Pump	1	
62.	PTO Indicator Light Installed In Cab	1	
<u>Finishing Details</u>			
63.	Powder Coat Unit Altec White	1	
64.	Finish Paint Body Accessories Above Body Floor Altec White	1	
65.	Altec Standard; Components mounted below frame rail shall be coated black by Altec. i.e. step bumpers, steps, frame extension, pintle hook mount, dock bumper mounts,	1	

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
	D-rings, receiver tubes, accessory mounts, light brackets, under-ride protection, etc. Components mounted to under side of body shall be coated black by Altec. i.e. Wheel chock holders, mud flap brackets, pad carriers, boxes, lighting brackets, steps, and ladders.		
66.	Additional Heavy Duty Black Undercoating, To be Applied from Behind the Chassis Cab to the Rear of the Truck, Inside the Wheel Wells, Along the Undersurface of the Body, Subbase and Outrigger Frames, ICC Bumpers not used for Access Steps, and Frame Rails	1	
67.	Apply Non-Skid Coating to all walking surfaces	1	
68.	English Safety And Instructional Decals	1	
69.	Vehicle Height Placard - Installed In Cab	1	
70.	Placard, HVI-22 Hydraulic Oil	1	
71.	Dielectric test unit according to ANSI requirements.	1	
72.	Stability test unit according to ANSI requirements.	1	
73.	Non-Focus Factory Build	1	
74.	Delivery Of Completed Unit	1	
75.	Inbound Freight	1	
76.	Installation - AT48M	1	
	<u>Chassis</u>		
77.	Chassis	1	
78.	Altec Supplied Chassis	1	
79.	2019 Model Year	1	
80.	Ford F550	1	
81.	4x4	1	
82.	84 Clear CA (Round To Next Whole Number)	1	
83.	Regular Cab	1	
84.	Chassis Cab	1	
85.	Chassis Color - White	1	
86.	Chassis Wheelbase Length - 169	1	
87.	Ford Gas 6.8L	1	
88.	Ford Torqshift 6-Speed (6R140) Automatic Transmission (w/PTO Provision)	1	

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
89.	GVWR 19,500 LBS	1	
90.	7,500 LBS Front GAWR	1	
91.	14,706 LBS Rear GAWR	1	
92.	225/70R19.5 Front Tire (Traction)	1	
93.	225/70R19.5 Rear Tire (Traction)	1	
94.	Hydraulic Brakes	1	
95.	Park Brake In Rear Wheels	1	
96.	Ford E/F250-550 Single Horizontal Right Side Exhaust	1	
97.	63C - Aft Axle Frame Extension	1	
98.	No Idle Engine Shut-Down Required	1	
99.	50-State Emissions	1	
100.	Ford 40 Gallon Fuel Tank (Rear)	1	
101.	AM/FM Radio	1	
102.	Air Conditioning	1	
103.	Cruise Control	1	
104.	Tilt Steering Wheel	1	
105.	Vinyl Split Bench Seat	1	

Additional Pricing

106.	Standard Altec Warranty: One (1) year parts warranty, one (1) year labor warranty, ninety (90) days warranty for travel charges, limited lifetime structural warranty	1	
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Miscellaneous

107.	Ocean Freight	1	
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Unit / Body / Chassis Total	161,072.00
FET Total	0.00
Total	161,072.00

Altec Industries, Inc.

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BY

Elizabeth Martin

Notes:

1 Altec takes pride in offering solutions that provide a safer work environment for our customers. In an effort to focus on safety, we would encourage you to consider the following items:

Outrigger pads (When Applicable)
Fall Protection System
Fire extinguisher/DOT kit
Platform Liner (When Applicable)
Altec Sentry Training
Wheel Chocks

The aforementioned equipment can be offered in our new equipment quotations. If you find that any of these items have not been listed as priced options in the body of your quotation and are required by your company, we would encourage you to contact your Altec Account Manager and have an updated quotation developed for you. These options must be listed as individual options in the body of the quotation for them to be supplied by Altec.

2 Altec Standard Warranty:

One (1) year parts warranty.

One (1) year labor warranty.

Ninety (90) days warranty for travel charges.

Warranty on structural integrity of the following major components is to be warranted for so long as the initial purchaser owns the product: Booms, boom articulation links, hydraulic cylinder structures, outrigger weldments, pedestals, subbases and turntables.

Altec is to supply a self-directed, computer based training (CBT) program. This program will provide basic instruction in the safe operation of this aerial device. This program will also include and explain ANSI and OSHA requirements related to the proper use and operation of this unit.

Altec offers its standard limited warranty with the Altec supplied components which make up the Altec Unit and its installation, but expressly disclaims any and all warranties, liabilities, and responsibilities, including any implied warranties of fitness for a particular purpose and merchantability, for any customer supplied parts

Altec designs and manufactures to applicable Federal Motor Vehicle Safety and DOT standards

3 F.O.B. - Customer Site

4 Unless otherwise noted, all measurements used in this quote are based on a 40 inch (1016mm) chassis frame height and standard cab height for standard configurations.

5 Altec Extended Warranty Option:

Labor/Material/Expense for 1 Year. Price to be quoted

An Altec Extended Warranty is an extension of Altec's Limited Warranty, that protects you from the repair cost associated with defects of materials and workmanship beyond the first year of ownership.

A number of packages are available and can be quoted upon request.

- 6 Changes made to this order may affect whether or not this vehicle is subject to F.E.T. A review will be made at the time of invoicing and any applicable F.E.T. will be added to the invoice amount.
- 7 Price does not reflect any local, state or Federal Excise Taxes (F.E.T). The quote also does not reflect any local title or licensing fees. All appropriate taxes will be added to the final price in accordance with regulations in effect at time of invoicing.
- 8 Any payments made by credit card will incur a 3% convenience fee.
- 9 Delivery: 390 days after receipt of order PROVIDING:
A. Order is received within 14 days from the date of the quote. If initial timeframe expires, please contact your Altec representative for an updated delivery commitment.
B. Chassis is received a minimum of sixty (60) days before scheduled delivery.
C. Customer approval drawings are returned by requested date.
D. Customer supplied accessories are received by date necessary for compliance with scheduled delivery.
E. Customer expectations are accurately captured prior to releasing the order. Unexpected additions or changes made at a customer inspection will delay the delivery of the vehicle.
- Altec reserves the right to change suppliers in order to meet customer delivery requirements, unless specifically identified, by the customer, during the quote and or ordering process.
- 10 Trade-in offer is conditional upon equipment being maintained to DOT (Department of Transportation) operating and safety standards. This will include, but is not limited to tires, lights, brakes, glass, etc. All equipment, i.e., jibs, winches, pintle hooks, trailer connectors, etc., are to remain with unit unless otherwise agreed upon in writing by both parties. ALTEC Industries reserves the right to re-negotiate its trade-in offer if these conditions are not met.
- All reasonable and necessary expenses required of ALTEC Industries to execute transportation of the trade-in will be invoiced to the customer for payment if these conditions are not met to maintain DOT standards.
- Customer may exercise the option to rescind this agreement in writing within sixty (60) days after receipt of purchase order. After that time ALTEC Industries will expect receipt of trade-in vehicle upon delivery of new equipment as part of the terms of the purchase order unless other arrangements have been made.
- 11 This quotation is valid until SEP 11, 2018. After this date, please contact Altec Industries, Inc. for a possible extension.
- 12 After the initial warranty period, Altec Industries, Inc. offers mobile service units, in-shop service and same day parts shipments on most parts from service locations nationwide at an additional competitive labor and parts rate. Call 877-GO-ALTEC for all of your Parts and Service needs.
- 13 Please email Altec Capital at finance@altec.com or call 888-408-8148 for a lease quote today.
- 14 Please direct all questions to Nick A Zevenbergen at (205) 323 8751

MEMORANDUM TO COUNCIL

To: Mayor and City Council Members
From: Lori Gregory, DPW/DPU Office Manager
Thomas Cohenour, Director, Department of Public Works
Dan Winters, Director, Department of Public Utilities
Through: Thomas Thomas, City Manager
Date: October 9, 2018
Re: Ordinance 2018-12: A Budget Amendment Request for the Old Powerhouse Battery System Replacement Project to fund Construction Services in the amount of \$250,000

SUMMARY: This Budget Amendment request will move \$250,000 from the Electric Utility Proprietary Fund into the construction services line item of the project's budget in order to support the low bid for the work.

PREVIOUS COUNCIL ACTION: Council approved Ordinance 2016-12, on May 24, 2016, adopting the FY17 Capital and Operating Budget, allocating \$263,070 for this project from the unrestricted retained earnings of the Electric Proprietary Fund. Council approved the FY18 Capital and Operating budget via Ordinance 2017-07, adopted May 23, 2017, adding another \$250,000 to the Project's budget from the same funding source. On January 24, 2017, Council awarded the design, bid-phase support and construction inspection to Electric Power Systems, Inc. for \$41,434.

BACKGROUND: The batteries in the Old Powerhouse, 60 of them, supply electricity to the existing switchgear and emergency equipment in the event of a power outage. They also provide energy to the main electrical breakers during normal run times. The batteries and charger life expectancy is 25 years, however, our system has been in service for 32 years. As a result, the system's wiring is brittle and cracking, and the reliability of this system is questionable as well as out of compliance with modern safety regulations.

DISCUSSION: During the design phase, our engineering team informed us that the floor of the Old Powerhouse building where the batteries reside will need considerable structural strengthening before placing the new battery banks. The load created will be in excess of what the floor can safely bear and this additional work had to be included in the design, subsequently increasing the construction cost.

Staff advertised for bids for the construction of the project for 30 days, and the three bids received on August 30, 2018 were each in excess of not only the amount of funding allocated for construction services but also exceeded the entire remaining project budget of \$445,909.

ALTERNATIVES: An alternative to increasing the budget for this project is to abandon it, and that will be more expensive in the long run, as will postponement. However, we may become subject to OSHA fines and continuing to keep the old battery bank in service greatly increases the chance of a catastrophic failure at the Powerhouse.

FINANCIAL IMPLICATIONS: The Electric Proprietary Fund is able to support a transfer of \$250,000 into the project’s budget to fund the construction. A proposed new budget is set forth below:

EL17B - OLD PH BATTERY SYSTEM REPLACEMENT				CURRENT BUDGET	THIS REQUEST	REVISED BUDGET
50125053	51300	EL17B	Overtime	\$ 10,000.00	\$ -	\$ 10,000.00
50125053	52100	EL17B	Health Insurance Benefit	\$ 2,000.00	\$ -	\$ 2,000.00
50125053	52200	EL17B	FICA/Medicare Match	\$ 1,000.00	\$ -	\$ 1,000.00
50125053	52300	EL17B	PERS Employer Benefit	\$ 1,000.00	\$ -	\$ 1,000.00
50125053	52400	EL17B	Unemployment Ins.	\$ 1,000.00	\$ -	\$ 1,000.00
50125053	52500	EL17B	Workers' Comp.	\$ 400.00	\$ -	\$ 400.00
50125053	52900	EL17B	Other EE Benefits	\$ 400.00	\$ -	\$ 400.00
50125053	53240	EL17B	Engineering	\$ 42,867.68	\$ -	\$ 42,867.68
50125053	53420	EL17B	Sampling/Testing	\$ 3,000.00	\$ -	\$ 3,000.00
50125053	54210	EL17B	Solid Waste	\$ 7,500.00	\$ -	\$ 7,500.00
50125053	54500	EL17B	Construction Services	\$ 251,000.00	\$ 250,000.00	\$ 501,000.00
50125053	55310	EL17B	Telephone/FAX/TV	\$ 971.96	\$ -	\$ 971.96
50125053	55912	EL17B	Contingency	\$ 50,000.00	\$ -	\$ 50,000.00
50125053	56100	EL17B	General Supplies	\$ 14,770.00	\$ -	\$ 14,770.00
50125053	57400	EL17B	Machinery & Equipment	\$ 60,000.00	\$ -	\$ 60,000.00
				\$ 445,909.64	\$ 250,000.00	\$ 695,909.64

LEGAL: Not required.

STAFF RECOMMENDATION: Staff recommends fully funding this Budget Amendment request. The project is necessary and prudent, and a potential safety issue.

PROPOSED MOTION: I move to approve Ordinance 2018-12 and schedule it for second reading and public hearing on October 23, 2018.

CITY MANAGER COMMENTS: I support the Staff Recommendation.

ATTACHMENTS: Bid Tabulation

City of Unalaska
Powerhouse Battery System Replacement
Bid Tab

August 30, 2018

Bidder Name	Bid Form	Bid Bond	Addendum Acknowledgement (No. 1, 2 & 3)	Alaska Contractor and Business Licenses	Task 1: Base Bid (\$)	Task 2: Mob/Demobe (\$)	Grand Total
Puffin Electric (opened in Unalaska)	Yes	Yes	Yes	Yes	\$508,200.00	\$39,100.00	\$547,300.00
Premier Electric (opened in Anchorage)	Yes	Yes	Yes	Yes	\$450,000.00	\$200,000.00	\$650,000.00
Electric Power Constructors (opened in Anchorage)	Yes	Yes	Yes	Yes	\$505,476.00	\$65,628.00	\$571,104.00
							\$0.00
							\$0.00
							\$0.00
							\$0.00
							\$0.00

Witness Signature/Date *JACK S. ANDERSON* *J.S. Anderson* 8/30/18
 Witness Signature/Date *AMELA BOSNJAK* *Amela Bosnjak* 8/30/18
 Witness Signature/Date *Benelle F. Harris* *Benelle F. Harris* 8/30/18