

AGENDA ITEM SUMMARY

Meeting Date:	FEBRUARY 20, 2019
Agenda Category:	CONSENT BUSINESS
Agenda Item Number:	10 B
Subject:	VACUUM PRESSURE (VAC-CON) UNIT REBUILD (WASTEWATER TREATMENT DEPARTMENT)

Attachments:	Memorandum; quote
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Staff Contact:	Wastewater Treatment Director Elmore
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Background:	<p>In late January 2019, the Wastewater Treatment Department's vacuum pressure unit (Vac Truck) experienced a major failure in the functioning of the vacuum breaker system, which caused the 11-yard debris tank to implode. The sole-source authorized Vac-Con dealer for parts, sales, and service, Southern Sewer and Equipment Sales, conducted an inspection of the unit and was able to determine the cause of the system failure. The repair/replacement comes at the same time as the manufacturer's scheduled maintenance service. The total cost of the scheduled maintenance service is \$8,727.24, and the repair/replacement is \$38,810.89, for a total of \$47,538.13.</p>
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Reference:	Wastewater Treatment Budget
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Suggested Action:	Approve the scheduled maintenance for the WWT Department's Vac-Con unit, as well as the necessary repair/replacement, in the total amount of \$47,538.13
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MEMORANDUM

TO: Dr. Brenda Fettrow, City Manager
FROM: Jim Elmore, WWT Director
DATE: February 4, 2019
SUBJECT: Vacuum Pressure (Vac-Con) Unit Rebuild

*approved to
go to Council.
Dr. Fettrow
2/6/2019*

On Monday, January 28, 2019 while under normal operating conditions, the Wastewater Treatment Departments vacuum pressure unit (Vac Truck) experienced a major failure. It appears the Vacuum Breaker System failed to function as designed and caused the 11 yard debris tank to implode.

At about the same time, we were preparing for the scheduled manufacturer's maintenance service, a quote was prepared by Southern Sewer in the amount of \$8,727.24. However, prior to getting the Vac-Con scheduled for that maintenance is when the major failure occurred.

Southern Sewer and Equipment Sales made an in house visual inspection of the unit and was unable to visually determine the cause of the vacuum breaker system failure. Southern Sewer is the sole source authorized Vac-Con dealer for sales, parts, and service.

The maintenance repair and replacement costs are as follows:

Maintenance service	\$ 8,727.24
Repair and Replacement	<u>\$38,810.89</u>
Total	\$47,538.13

I am requesting the allocation of \$31,500.00 from account No. 400-0035-535.4668 and the allocation of \$16,038.13 from account No. 400-0036-535.4670 to cover the scheduled maintenance and repair/ replacement costs.

Submitted for council's approval.

QUOTE

Southern Sewer Equipment Sales

3409 Industrial 27th Street

Fort Pierce, FL 34946

"A CERTIFIED MBE WOMAN OWNED BUSINESS"

Date	S.O. No.
2/4/2019	153833
PH. NUMBER	
321-914-2112	

BILL TO
CITY OF ROCKLEDGE FINANCE DEPARTMENT 1600 HUNTINGTON LANE ROCKLEDGE, FL 32955

SHIP TO
CITY OF ROCKLEDGE 1700 JACK OATES BLVD. ROCKLEDGE, FL 32956-0488

PLEASE REFER TO QUOTE NUMBER WHEN PLACING ORDER

WRITER: SCOTT

Phone #	Fax #	E-mail	Web Site
800-782-4134	772-595-9171	info@southernsewer.com	www.southernsewer.com

P.O. No.	Terms	SHIP VIA	CUSTOMER
	NET 10 DAYS	UPS	STEVE

QTY.	PART NUMBER	DESCRIPTION	EACH	TOTAL
0	MILEAGE	DATE/TIME: VAC-CON:04126182 MODEL # V311LHA/1300 IN SERVICE DATE: FAILURE DATE: UNIT #: MILEAGE:12,381 PONY MOTOR:874 CHASSIS HOURS:3314 VIN #: 1HTWHAZT1DJ234480	1.57	0.00
	MECHANICAL ISSUE	THIS IS A QUOTE FOR REPAIRS AND PARTS NEEDED AFTER A VACCON INSPECTION	0.00	0.00
1	631-0001	JOYSTICK - Must purchase 2 x 631-0002 contact blocks	228.44	228.44
2	631-0002	CONTACT BLOCK FOR 631-0001 JOYSTICK (TAKES 2)	42.14	84.28
1	633-0412	LAMP LICENSE PLATE	7.75	7.75
1	624-0261	HYDRAULIC FILTER, CENTER DECK LOCATION (NEWER STYLE THAN 624-0129) FITS IN 624-0260 ASSEMBLY (O RING FOR CAP IS 621-1643)	86.38	86.38
2	624-0272	HYDRAULIC FILTER @ BUMPER 5 MICRON (TAKES TWO, 2005 & NEWER UNITS) WHEN EQUIPPED WITH THESE FILTERS, UNIT WILL NOT HAVE THE 624-0029, OR THE 624-0009	165.24	330.48
1	624-0158	HYDRAULIC FILTER	172.58	172.58
1	633-0175	HORN FOR LOW WATER ALARM ASSEMBLY	48.56	48.56
30	HYD OIL 68	HYDRAULIC OIL AW 68 NUTO H68	9.75	292.50

Subtotal

CREDIT CARD PAYMENTS WILL NOT BE ACCEPTED ON INVOICES OVER \$7500
A 25% RESTOCK WILL BE CHARGED ON ALL RETURNED ITEMS.

Sales Tax (0.0%)

QUOTES ARE VALID FOR 30 DAYS

Total

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QTY.	PART NUMBER	DESCRIPTION	EACH	TOTAL
4	800-4973	SKID WELDMENT FOR LOWER WATER TANKS	293.72	1,174.88
3	664-0013	SIGHT GAUGE HOSE/PER FT.	0.90	2.70
15	664-0060	1" CLEAR VINYL HOSE/PER FOOT	3.53	52.95
1	605-0138	SAFETY SNAP PIN	6.49	6.49
1		R521050 BELT	66.90	66.90
1		RE548027 BELT TENSIONER	172.35	172.35
1	711-0063	DOOR LOCK TEE HANDLE ASSY.	53.48	53.48
1		711-12741 DEBRIS TANK STRUCTURE ASSEMBLY 11 YD	15,058.13	15,058.13
1	711-12764	DOOR STRUCTURE ASSEMBLY	4,572.66	4,572.66
1	711-12776	WEAR PLATE ASSY5 TO 14 YD DIA REAR DOOR	195.90	195.90
1	711-12826	DOOR SEAL AY 72' DIA REAR DOOR	290.29	290.29
1	711-12876	DOOR SAFETY PROP ASSY-5-16 YD-SPHER DOOR	151.02	151.02
1		711-12940 6" GATE VALVE ASSEMBLY	1,012.47	1,012.47
1	711-12955	REAR DOOR HINGE/ BOLT ON STYLE-USE WITH 800-9496 REAR DOOR WELDMENT	286.07	286.07
1	711-12984	DEBRIS TANK SCREEN ASSEMBLY (ROUND STYLE)	892.46	892.46
1	711-14489	VACUUM BREAKER STRUCTURE ASSEMBLY / POSITIVE SEAL	2,665.22	2,665.22
1	711-21703CPC	FLOAT ARM ASSEMBLY 3-14 YARD UNITS (REPLACES 711-0238)	173.92	173.92
1	711-3356	HYD DOOR LOC ASSY. (ADDITIONAL PARTS NEEDED TO COMPLETE UPGRADE)	1,430.50	1,430.50
1	711-38801	INLET TUBE ASSEMBLY ROUND STYLE 12" WITH HOLDING BRACKET	827.34	827.34
1	PAINT	PER SERIAL# 04126182	4,571.43	4,571.43

Subtotal

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QTY.	PART NUMBER	DESCRIPTION	EACH	TOTAL
1	681-0855	STORAGE BOX, SAME AS 681-0851, BUT, DIAMOND PLATE ALUMINUM	4,025.00	4,025.00
		CUSTOMER SAID THEY WILL INSTAL TOOL BOX		
47	LABOR	LABOR BY SOUTHERN SEWER:	115.00	5,405.00
	FREIGHT	SHIPPING ESTIMATED	3,200.00	3,200.00
	NOTE	OTHER PARTS AND REPAIRS MAY BE FOUND WHEN DISMANTLED. IF OTHER NEEDED REPAIRS ARE FOUND ON YOUR EQUIPMENT, YOU WILL BE NOTIFIED AS SOON AS POSSIBLE. THIS IS NOT A COMPREHENSIVE LIST.	0.00	0.00

Subtotal \$47,538.13

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