

El Paso County ESD #1 Equipment Purchase Proposal

June 29, 2020





Purpose



El Paso County ESD #1 is seeking approval for a loan to purchase replacement Air Packs and cylinders to be financed for 5 years with the first payment to come from the FY 2021 budget.



Rationale for Equipment



- Current equipment is beyond recommended NFPA standards. It is currently more than 3 updates behind.
- Cylinders are reaching life expectancy, leaving the department with reduced number of cylinders each year. In 5 years, $\frac{3}{4}$'s of the departments cylinders will have reached expiration.
- New Air Packs and Cylinders would get the department up to current NFPA standards. The average life expectancy of a carbon bottle is 15 years. The bottles that would be purchased have a life expectancy of 30 years. Thus, allowing for a considerable savings and investment.
- Carcinogen prevention, Straps are removable and able to be washed to protect all those FF's who wear the equipment.
- 3M Scott Fire & Safety would continue to provide service and support for the balance of the warranty period, subject to parts availability. Our air packs are beyond this period. Some dating back to 1997.

Equipment Cost Breakdown

Equipment	Amount	Cost
Air packs	65	\$428,262.90
45-minute – 30 yr Cylinders	205 (66 at no cost)	\$199,681.84
Accessories – Face pieces, RIT-Pak, Pak Tracker, etc.		\$67,859.17
Additional costs for accompanying Equipment		\$29,196.09
	Total Equipment Cost:	\$725,000.00
Loan Issuance Cost		\$8,000.00
	Total Loan:	\$733,000.00

Debt Service Schedule

Term	Interest	Principal Amount	Interest	Total Loan Cost	Fiscal Payment
5 yr	1.7900005%	\$733,000.00	\$41,224.40	\$774,224.40	\$154,844.88



Debt Information

With this new loan, the debt amount will increase by 16.97% for FY 21'

	Southside Bank Q-401	Branch Banking P-403	TIB - Heavy Rescue	TIB - B-402	TIB - Station #1	Land for 2nd Station	2nd Station Loan	2nd Station Loan #2	SCBA Loan	Total:
2021	\$56,149.21	\$39,987.20	\$57,265.80	\$44,226.78	\$338,664.25	\$72,717.54	\$214,849.46	\$86,347.40	\$154,844.88	\$1,067,073.52
2022	\$56,149.21	\$39,200.60	\$57,265.81	\$44,226.78	\$340,639.00	\$72,717.54	\$215,589.99	\$86,347.40	\$154,844.88	\$1,069,003.21
2023	\$56,149.21	\$39,403.65	\$57,265.82	\$44,226.78	\$342,384.25	\$72,717.53	\$215,633.40	\$86,347.39	\$154,844.88	\$1,070,995.91
2024			\$57,265.80	\$44,226.79	\$344,887.25	\$72,717.54	\$205,741.51	\$86,347.40	\$154,844.88	\$968,055.17
2025				\$44,226.78	\$347,135.25	\$72,717.54	\$262,887.29	\$86,347.39	\$154,844.88	\$970,184.13
2026				\$44,226.79	\$349,128.25	\$72,717.54	\$263,092.31	\$86,347.39		\$817,538.28
2027				\$44,226.78	\$351,853.60	\$72,717.54	\$262,638.54	\$86,347.40		\$819,810.86
2028					\$353,311.00	\$72,717.54	\$263,526.05	\$86,347.39		\$777,929.98
2029					\$356,488.00	\$72,717.52	\$262,771.07	\$86,347.40		\$780,352.99
2030						\$72,717.54	\$235,491.06	\$86,347.40		\$396,586.00
2031						\$72,717.54	\$235,491.05	\$86,347.40		\$396,586.99
2032						\$72,717.54	\$235,491.05	\$86,347.39		\$396,587.98
2033						\$72,717.54	\$235,491.04	\$86,347.40		\$396,588.98
2034						\$72,717.54	\$235,491.04	\$86,347.39		\$396,589.97
2035						\$72,717.54	\$235,491.05	\$86,347.39		\$396,590.98
2036						\$72,717.54	\$235,491.05	\$86,347.40		\$396,591.99
2037						\$72,717.54	\$236,386.75	\$86,347.39		\$397,488.68

Questions

