

Agenda Item: 8

MEMORANDUM

TO: Programs, Projects & Operations Subcommittee

FROM: Nicole Gust, Purchasing Agent

DATE: April 28, 2017

RE: FY 2018 Equipment Requirements

Attached is a chart of equipment items identified for purchase/replacement in FY 2018. The process to identify and prioritize equipment items most needed by the District was determined by a staff Equipment Committee comprised of Bill Brush, Martin Cleveland, Zach Nelson, Bill Warren, Terry Schumacher and myself. Each department within the NRD identified their equipment requirements and the equipment committee reviewed each item and made recommendations to the General Manager for purchase. The GM then reviewed the Committee's recommendations and made further changes to the request list.

The FY 2017 total equipment budget was \$349,021. The FY 2018 equipment budget request is \$347,668.27.

Management recommends that the Subcommittee recommend to the Board of Directors to approve the FY 2018 Equipment Requirements subject to the FY 2018 Budget as listed in this memo.

Attachments:

FY 18 Equipment Requirements List

Equipment Budget Comparison

Vehicle Maintenance Comparisons

John Deere Name Brand Memo

F.Y. 2018 Equipment Requirements List Worksheet

Item Description	Cost	Justification/Indicative Data
Account #01-01-000-4802 Machinery & Equipment		
2018 Flex Wing Rotary Mower	\$12,200	For use on 100 miles of levees, 40 PL-566 structure, Sarpy, Douglas and Washington Counties. With trade-in of 2002 Rhino Mower equipment number 9JS22
2018 Stump Grinder	\$7,000	Grinding stumps in all parks and MoPac Trail
2018 JD 6145R Cab Tractor – State Contract	\$118,468.27	For use on 100 miles of levees, 40 PL-566 structure, Sarpy and Douglas Counties. State Pricing.
Total FY 18 Machine/Equip	\$137,668.27	FY 17 Budget \$202,021
Account #01-01-000-4803 Automobiles and Trucks		
Two (2) 2018 mid-size AWD Crossover	\$59,000	With trade-in of 2013 Chevy Equinox with EOY miles of 190,672 equipment number 1CA13(JW) and trade-in of 2010 Ford Escape with EOY miles 121,500 equipment number 1CA11(MP)
2018 Crew Cab 4WD ½ Ton Pickup Truck	\$40,000	With trade-in of 2011 Chevy Silverado 1500 with EOY miles of 137,905 equipment number 2LL23(BW)
Total FY 18 Vehicles	\$99,000	FY 17 Budget \$85,000
Account #01-01-000-4804 Office Equipment		
Server Replacements (2)	\$26,000	Servers are out of warranty. Will be consolidating 3 current servers on to these two.
Storage Network Switch Replacement	\$13,000	Phase 2 of the storage replacement that was begun this year.
Redundant Storage Upgrade	\$23,000	Phase 2 of the storage replacement that was begun this year.
GIS Workstation Replacements (5)	\$15,000	Continuing the general upgrade and phase-out of DIY workstations.
Laptops (10)	\$20,000	Continuing the general upgrade and phase-out of DIY workstations.
KVM Replacement	\$2,000	Current Unit no Longer Supported.
Parts, Printers, Tablets	\$12,000	Misc.
Total FY 18 Office Equip	\$111,000	FY 17 Budget \$62,000
Total FY 18 Equipment Request	\$347,668.27	Total FY 17 Budget \$349,021

Equipment Budget Comparisons FY 2012 – FY 2018

Budget	2012	2013	2014	2015	2016	2017	2018
4802-Machinery & Equipment	\$116,455	\$233,694	\$265,445	\$157,698	\$85,662	\$202,021	\$137,668.27
4803-Autos & Trucks	\$79,500	\$58,500	\$0	\$0	\$77,000	\$85,000	\$99,000
4804-Office Equipment	\$86,045	\$89,925	\$72,953	\$124,000	\$135,600	\$62,000	\$111,000
Total	\$282,000	\$382,119	\$338,398	\$281,698	\$298,222	\$349,021	\$347,668.27

Vehicle Maintenance Comparisons

VEHICLE	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	TOTAL VM	17 EOY MILES
1CA11 10 FORD ESCAPE - FY 2018				\$159.76	\$300.01	\$213.94	\$985.44	\$298.95	\$2,494.47	\$620.63	\$5,073.20	121,500
1CA12 11 CHEVY EQUINOX					\$93.93	\$788.16	\$1,565.25	\$127.48	\$237.01	\$510.00	\$3,321.83	78,604
1CA13 13 CHEVY EQUINOX - FY 2018							\$12.69	\$26.07	\$26.93	\$2,657.29	\$2,722.98	185,114
1CA14 16 CHEVY EQUINOX										\$0.00	\$0.00	26,988
2EA07 02 FORD 4X4 DUMP BED	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,213.40	\$1,321.42	\$5,472.68	\$385.33	\$633.43	\$11,026.26	94,946
2EA08 07 MACK DUMP TRK		\$0.00	\$0.00	\$310.85	\$603.68	\$16,365.02	\$5,256.44	\$12,378.12	\$0.00	\$22,749.10	\$57,663.21	239,145
2EA09 2013 MACK DUMP TRK							\$1,943.63	\$329.23	\$829.14	\$382.54	\$3,484.54	78,729
2GA01 2002 FORD LIGHT FLAT BED	\$503.93	\$2,377.46	\$714.75	\$5,363.37	\$7,138.77	\$2,370.40	\$727.37	\$3,311.90	\$4,807.25	\$4,972.44	\$32,287.64	98,914
2GA02 2004 FORD F-350 FLTBD TRK	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$121.00	\$2,762.86	\$0.00	\$2,883.86	86,664
2GA04 2012 FORD F250 FLTBD TRK						\$74.50	\$160.97	\$965.22	\$304.68	\$75.97	\$1,581.34	112,897
2LL13 05 CHEVY COLO 4X4	\$651.28	\$50.12	\$0.00	\$0.00	\$0.00	\$2,132.28	\$3,538.95	\$132.90	\$207.81	\$1,121.06	\$7,834.40	115,669
2LL18 08 FORD RANGER		\$204.41	\$74.77	\$300.17	\$184.93	\$443.80	\$1,209.83	\$711.36	\$4,923.72	\$1,906.99	\$9,959.98	66,672
2LL19 09 CHEVY COLORADO - FY 19		\$0.00	\$176.17	\$139.80	\$763.00	\$332.00	\$810.07	\$1,582.02	\$999.57	\$236.19	\$5,038.82	148,860
2LL20 09 CHEVY COLORADO			\$665.60	\$285.79	\$570.28	\$938.67	\$486.11	\$305.90	\$749.80	\$842.88	\$4,845.03	71,793
2LL21 10 FORD RANGER EXT CAB				\$32.29	\$48.43	\$0.00	\$42.52	\$493.43	\$107.24	\$1,105.54	\$1,829.45	48,618
2LL22 10 FORD F250 EXT CAB - FY 19				\$20.00	\$24.60	\$540.68	\$0.00	\$0.00	\$0.00	\$2,308.84	\$2,894.12	106,342
2LL23 11 CHEVY 1500 - FY 2018					\$1,691.15	\$800.01	\$1,755.76	\$1,864.75	\$2,787.68	\$1,271.59	\$10,170.94	135,961
2LL24 11 FORD F250					\$126.96	\$143.05	\$1,159.68	\$1,238.79	\$214.60	\$1,865.72	\$4,748.80	68,038
2LL25 12 CHEVY COLORADO TRUCK						\$149.80	\$72.97	\$705.00	\$0.00	\$973.23	\$1,901.00	67,045
2LL26 12 F-350 SUPER CAB						\$0.00	\$424.15	\$2,203.95	\$338.25	\$1,765.52	\$4,731.87	74,452
2LL27 12 CHEVY COLO EXT CAB 4X4							\$87.06	\$49.44	\$120.94	\$246.28	\$257.44	51,022
2LL28 13 RAM 1500 QUAD CAB 4X4							\$257.02	\$1,173.16	\$765.09	\$1,210.34	\$2,195.27	79,270
2LL29 13 RAM 1500 QUAD CAB 4X4 - FY 19							\$223.21	\$871.77	\$565.00	\$168.79	\$1,659.98	88,917
2LL30 2017 RAM DJ7L91 CREW CAB												
2RA04 06 MACK TRUCK TRACTOR	\$0.00	\$0.00	\$0.00	\$538.47	\$100.00	\$6,914.80	\$508.50	\$508.50	\$318.63	\$0.00	\$8,888.90	55,452
2TA12 06 FORD UTILITY TRUCK	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$205.36	\$1,683.66	\$3,361.37	\$1,655.66	\$0.00	\$6,906.05	115,940
2TA13 10 FORD F350 CC				\$1,429.66	\$1,972.87	\$3,386.29	\$124.20	\$2,502.28	\$2,199.99	\$3,233.82	\$14,849.11	96,583
2TA14 17 FORD F450RC 4X4												
2VA03 10 CHRYSLER VAN				\$61.54	\$82.42	\$100.96	\$0.00	\$66.27	100.59	979.66	\$311.19	53,785
	\$1,155.21	\$2,631.99	\$1,631.29	\$8,641.70	\$13,701.03	\$39,113.12	\$24,356.90	\$40,801.54	\$27,902.24	\$53,853.85	\$209,067.21	

~Before vehicle was purchased

UPDATED 4.26.17

MEMORANDUM

TO: Fiscal Year 2018 Equipment Committee
FROM: Bill Warren, Operations, Maintenance and Park Superintendent
DATE: April 27, 2017
RE: Name Brand Request "John Deere" Mowing Tractor

I am requesting a name brand State Contract John Deere 6145R Cab Tractor to replace the District's 1995 John Deere mowing tractor. Staff and management believe it is in the best interest of the District to purchase the sole-source brand of John Deere tractor for the following reasons:

1. The District currently owns six (6) John Deere tractors and have owned John Deere tractors since 1972. This equipment has performed outstandingly with minimal maintenance.
2. All components of said equipment are John Deere parts, which is essential for sound operation and performance.
3. The John Deere tractors seems to perform very well with the terrain in which they are used, 2 to 1 and 3 to 1 slopes when mowing our levees and dams, 100 miles of levees and 40 miles of dams. The levees and twelve high maintenance dams are each mowed two times per year. Ten PL-566 structures are mowed once per year.
4. Our nearest John Deere dealer is ten miles from the O&M headquarters which is very handy for service and repair.

I recommend a name brand purchase of a John Deere tractor to replace our current 1995 John Deere 7410 which will be moved to Walthill.