

MEMORANDUM

TO: Programs, Projects & Operations Subcommittee
FROM: Nicole Gust, Purchasing Agent
DATE: May 3, 2021
RE: FY 2022 Equipment Requirements

Attached is a chart of equipment items identified for purchase/replacement in FY 2022. 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, Justin Novak, 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 2021 total equipment budget was \$386,705. The proposed FY 2022 equipment budget request is \$385,588.52.

Management recommends that the Subcommittee recommend to the Board of Directors to approve the proposed FY 2022 Equipment Requirements, subject to funding in the FY 2022 Budget.

Attachments:

FY 22 Equipment Requirements List
Vehicle Replacement Schedule and Maintenance Changes
John Deere Name Brand Memo
Jeep Grand Cherokee Name Brand Memo
IT Dept. Equipment Replacement Policy

F.Y. 2022 Equipment Requirements List Worksheet

Item Description	Cost	Justification/Indicative Data
Account #01-01-000-4802 Machinery & Equipment		
Second of 5 Payments for Caterpillar 938 M Rubber Tire Loader *State Contract Pricing*	2/5 annual payments \$39,497	Used in construction, maintenance and Parks, 100 miles of levees and PL-566 structures. Contract amount - \$174,840
Second of 5 Payments for 2020 Cat 12 M 3 AWD motor grader *State Contract Price*	2/5 Payments - \$54,969.50	Used on construction, maintenance, 100 miles of levees and PL-566 structures. Contract amount - \$238,730
Bob Cat T590 Track Skid Loader	\$5,850	Annual Replacement - Used for Operations & Maintenance and Park Maintenance
2 – JD Z997R Diesel Mowers (Name Brand Memo) *State Contract Pricing*	\$32,272.02	Replacing 2 – 2010 Hustler Mowers (5XJ11, 5XJ12) Used for Chalco Rec, Platte River Landing, Elkhorn Crossing, Waterloo Access, Graske Crossing, Prairie View Rec and Mo-Pac Trail.
CAT 257D Multi Terrain Loader (2)	\$11,000	Annual Lease - One used exclusively at Kramper Lake and one used on various northern structures and rural water main repairs. (590 – Maintenance, Dams – Equipment Rental)
CAT 305E2CR Hydraulic Excavator	\$5,500	Annual Lease - Used on various northern structures and rural water main repairs. (590 – Maintenance, Dams – Equipment Rental)
Total FY 22 Machine/Equip	\$132,588.52 (+16,500 in 590)	FY 21 Budget \$160,705

Account #01-01-000-4803 Automobiles and Trucks		
2022 1 ¼ Ton Dually Regular Cab 84" wheelbase w/ 12' Service Body	\$45,000	Replacing 2LL26 – 2012 F350 (TP) w/ over 146K EOY miles and almost 36K in maintenance
2022 1 ¼ Ton Dually Regular Cab Wheelbase w/ 12' Service Body	\$45,000	Replacing 2TA13 – 2010 F350 (TK) w/over 158K EOY miles and 57K in maintenance
2022 One Ton Extended Cab w/ service body - Gas Engine	\$35,000 Reimbursed by RW	Replacing 2LL29 – 2013 Ram 1500 (KW) w/ almost 179K EOY miles and 7.5K in maintenance
2022 Half Ton Crew Cab	\$37,000	For hauling trailers, carrying tools, valve keys, water meters and other equipment necessary for assistance on the rural water systems, as well as after-hours rural water emergencies
2022 Jeep Grand Cherokee (Name Brand Memo)	\$30,000	Replacing 2LL18 – 2008 Ford Ranger (MC) w/ almost 105K EOY miles and almost 18K in maintenance (6K for rust issues)
Total FY 22	\$157,000 w/ RW reimburse	FY 21 Budget \$88,000
Account #01-01-000-4804 Office Equipment		
Replace PMR-vault (main backup server)	\$8,000	Per Schedule
Replace PMR-vault2 (Blair backup server)	\$8,000	Per Schedule
Replace Hyper-V4&5 (Virtualization servers)	\$20,000	Per Schedule
Phone System Upgrade 50 Seats	\$45,000	Discontinued Equipment – no longer manufacturing parts for service
Parts	\$10,000	Per Schedule
Director Equipment	\$5,000	Per Schedule
Total FY 22 Office Equip	\$96,000	FY 21 Budget \$138,000
Total FY 22 Budget	\$385,588.52 w/ RW reimburse	Total FY 21 Budget \$386,705

Vehicle Replacement Schedule and Maintenance Changes

No Official Policy – Guideline: Gas – 5yr/80,000 miles and Diesel – 6yr/100,000 miles		
Fiscal Year	Repair & Maintenance	
1999	\$81,213.06	
2000	\$104,776.44	
2001	\$120,415.02	
2002	\$85,715.77	
2003	\$78,037.57	
		Average per year: \$94,417.85/25 vehicles/\$3,776.714 per vehicle
Policy: Gas - 6yr/100,000 miles and Diesel - 7yr/150,000 miles		
Fiscal Year	Repair & Maintenance	
2004	\$90,175.68	
2005	\$96,975.25	
2006	\$100,681.30	
2007	\$144,313.42	
2008	\$130,115.39	
2009	\$143,940.56	
2010	\$126,417.02	
2011	\$99,378.86	
2012	\$122,943.43	
Policy: Gas – 7yr/150,000 miles and Diesel - 8yr/200,000 miles		
Fiscal Year	Repair & Maintenance	
2013	\$102,596.50	
2014	\$157,570.60	
2015	\$140,739.47	
2016	\$214,514.14	
2017	\$197,216.64	
2018	\$200,520.86	
2019	\$216,831.11	
2020	\$187,328.59	

As the District’s Vehicle Replacement Policy has changed and the District has held onto vehicles longer the maintenance costs have gone up significantly. The District may want to consider reviewing the current Vehicle Replacement Policy in order to save money on maintaining our District vehicles.

MEMORANDUM

TO: Fiscal Year 2022 Equipment Committee
FROM: Bill Warren, Operations, Maintenance and Park Superintendent
DATE: April 26, 2021
RE: Name Brand Request "John Deere" Mowers

I am requesting two name brand State Contract John Deere Z997R Diesel Mowers. Staff and management believe it is in the best interest of the District to purchase the brand of John Deere mowers for the following reasons:

1. The District currently owns several pieces of John Deere equipment. 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 equipment seems to perform best with the terrain in which the equipment is used. Just as with the Caterpillar Tire Loader and Mack truck that the Board has approved name branding in the past, the John Deere equipment operates most efficiently and safely in our field conditions.
4. The District has used other heavy equipment brands in the past and incurred excessive maintenance and repair cost in everyday use.
5. Douglas County and the City of Omaha use the Nebraska State Contract from John Deere.

I recommend a name brand purchase of two 2022 John Deere Z997R Diesel Mowers to replace our two current 2010 Hustler Mowers which will be traded in.

MEMORANDUM

TO: Fiscal Year 2022 Equipment Committee

FROM: Nicole Gust, Purchasing Agent

DATE: May 4, 2021

RE: Name Brand Request "Jeep Grand Cherokee" Vehicle

I am requesting one name brand Jeep Grand Cherokee vehicle. Staff and management believe it is in the best interest of the District to purchase the brand of Jeep Grand Cherokee vehicle for several reasons. The District currently owns four Jeep Grand Cherokees and these vehicles have met the staff's needs for high clearance for driving over rough terrain, ample passenger room for site visits, and enough storage space for transportation of necessary equipment. Although this is a name brand request there are multiple Jeep Dealerships in the Metro area to allow the District to acquire several bids for this vehicle.

I recommend the purchase of one Jeep Grand Cherokee vehicle to replace the District's 2008 Ford Ranger.

IT Department Equipment Replacement Schedule

Equipment category	Planned replacement lifetime (years)
Servers	3
Desktops	3
Laptops	3
Network equipment	5
Storage	5
Printers	As needed
Tablets	As needed
Phones	When most economical

These life cycles were selected to minimize equipment issues and productivity loss due to downtime. Equipment is purchased with a warranty equal to their planned replacement.