

MEMORANDUM

TO: Programs, Projects and Operations Subcommittee

SUBJECT: Equipment Replacement/Purchase Request for FY 2011

DATE: June 1, 2010

FROM: Jean Friends Tait, Purchasing Agent

Attached is a chart of equipment items identified for purchase/replacement in FY 2011. The process to identify and prioritize equipment items most needed by the District was determined by a staff Equipment Committee comprised of Jerry Herbster, Martin Cleveland, Bill Warren, Trent Heiser and me. Each section 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 chart.

The vehicle replacement schedule identifies three vehicles due for replacement in FY 2011. The Equipment Committee is requesting to hold onto the 2000 Ford F250, Diesel Pickup Truck and assigning it to the new Park Staff Position, whose duties are mowing and maintaining the off-site recreational areas instead of purchasing a new truck for our inventory. This option reduced our vehicle budget by \$35,000 (reference vehicle charts that follows the equipment worksheet).

The FY 2010 total equipment budget was \$187,845. The FY 2011 equipment budget request is \$276,445. State statute allows for a maximum 2.5% increase in restricted funds (to include general operational costs, i.e. salaries, equipment, insurance, etc., does not include project expenditures, i.e. construction, land rights, etc.). The Board can approve an additional 1% increase for a total of 3.5% increase in restricted funds, if required.

Management recommends approval of the FY 2011 Equipment Requirements, as presented, subject to FY 2011 Budget.

F.Y. 2011 Equipment Requirements List Worksheet

| Item Description | Cost | Justification/Indicative Data (use back for addition justification) |
|---|------------------|--|
| Account # 0101004802 Machinery and Equipment | | |
| John Deere AMT | 5,500 | Normal 3 year replacement cycle |
| Bobcat "V" plow attachment | 4,000 | Trade-in old plow – snow removal |
| 72" Front Mower | 10,000 | Trade-in 8 yr John Deere mower with over 800 hours on it – for use in Chalco Hills Rec Area |
| 7' Snow Plow | 4,500 | For New F-250 (outside parks) |
| 15' Flex Mower | 17,000 | Trade-in 15' Flex Mower – 10 years old |
| Compact Track Skid Loader | 17,000 | Trade-in Wheeled Skid Loader for working in poor conditions mud, sand & on slopes trade-in 709 backhoe bobcat attachment |
| 60' Long Reach Backhoe | 44,000 | Trade-in 1992 model with over 8,000 hours on unit, for cleaning drainage structures, ditches, sediment ponds, etc. lease to purchase 5 year plan. |
| Total FY 11 Machine/Equip. | \$102,000 | FY 10 Budget \$6,200 |
| Account # 0101004803 Automobiles and Trucks | | |
| 2011 – Crossover Vehicle AWD | \$25,000 | 2004 Chevy Blazer 4WD: trade. est. miles at end of year ~ 94,618 |
| 2011 – ½ Ton 4WD Pickup Truck with Extended Cab, Gasoline | 24,500 | 2006 Ford F-250 Pickup Truck 4WD: trade. est. miles at end of year 139,422 |
| 2011 – ¾ Ton 4WD Pickup Truck with Extended Cab, Gasoline | 30,000 | 2000 Ford F-250 Diesel Pickup Truck 4WD Extended Cab: will be used for new part maintenance position instead of new purchase est. miles at end of year 146,813 |
| Total FY 11 Vehicles | \$79,500 | FY 10 Budget \$126,500 |
| Account # 0101004804 Office Equipment | | |
| 8 PC's and Monitors | \$14,120 | Scheduled replacement |
| 7 Laptops | 8,400 | Directors & Staff Laptops Scheduled replacement |

| | | |
|---|------------------|---|
| 7 Netbooks | 3,500 | Staff for remote access |
| Iscsi SAN Hard Drives | 4,000 | Needed for added GIS storage |
| Blade Servers | 55,000 | Migrate to Blade servers for energy efficiency Scheduled replacement of 4 servers. 3 year payment plan. |
| Miscellaneous – drives, monitors, motherboards, software, etc. | 9,925 | Needed for unforeseen requirements or replacements – NRC, O&M, WCRW, TCRW, DCRW, Walthill |
| Total FY 11 Office Equip. | \$94,945 | FY 10 Budget \$55,145 |
| TOTAL FY 11 EQUIPMENT REQUEST | \$276,445 | TOTAL FY 10 BUDGET \$187,845 |

| VEHICLE | NUMBER | MILEAGE 12/31/2007 | MILEAGE 12/31/2008 | MILEAGE 12/31/2009 | Age in Months | Age in Years | Total Life* | Average Mileage - Month | 2007 | 2008 | 2009 | Suggested Replacement Year | Estimated Mileage 12/31/2010** | 12/31/2011** | 12/31/2012** |
|---|--------|-----------------------|-----------------------|-----------------------|------------------|-----------------|----------------|-------------------------|------|------|-----------|----------------------------------|-----------------------------------|--------------|--------------|
| 1 2004 Chevy S-10 Blazer 4x4 Purchased: 11/03 | 1CA09 | 53,753 | 65,192 | 79,905 | 74 | 6.2 | 876 | 3391 | 953 | 1226 | 2009 | 94,618 | 109,331 | 124,044 | |
| 2 2008 Ford Escape Purchased: 08/08 | 1CA10 | 0 | 9,499 | 44,587 | 18 | 1.5 | 528 | 0 | 792 | 2924 | F.Y. 2012 | 79,675 | 114,763 | 149,851 | |
| 3 2010 Ford Escape Purchased: 11/09 | 1CA11 | 0 | 0 | 800 | 2 | 0.2 | 0 | 0 | 0 | 67 | F.Y. 2012 | 13,596 | 27,192 | 40,788 | |
| 4 2002 Ford 4x4 Diesel Pickup Purchased: 2/02/2002 | 2EA07 | 55,172 | 59,064 | 64,369 | 95 | 7.9 | 623 | 2988 | 324 | 442 | F.Y. 2012 | 69,674 | 74,979 | 80,284 | |
| 5 2002 Ford 4x4 Diesel Pickup Purchased: 12/11/01 | 2GA01 | 35,060 | 42,614 | 49,496 | 96 | 8.0 | 444 | 1539 | 630 | 574 | F.Y. 2011 | 56,378 | 63,260 | 70,142 | |
| 6 2004 Ford F-350 Diesel Pickup Purchased: 11/04 | 2GA02 | 29,850 | 32,423 | 36,042 | 50 | 4.2 | 643 | 1689 | 214 | 302 | F.Y. 2011 | 39,661 | 43,280 | 46,899 | |
| 7 2008 Ford F250 Flatbed Purchased: 1/08 | 2GA03 | 0 | 24,783 | 50,294 | 24 | 2.0 | 1,033 | 0 | 2065 | 2126 | F.Y. 2012 | 75,805 | 101,316 | 126,827 | |
| 8 2006 Ford F250 Pickup Purchased: 11/2005 | 2LA45 | 52,551 | 83,210 | 111,316 | 50 | 4.2 | 1,651 | 4379 | 2855 | 2342 | F.Y. 2011 | 139,422 | 167,528 | 195,634 | |
| 9 2000 Ford Diesel 4x4 Pickup Purchased: 01/11/00 | 2LL08 | 119,301 | 128,321 | 137,567 | 120 | 10.0 | 1,069 | 2852 | 752 | 771 | F.Y. 2011 | 146,813 | 156,059 | 165,305 | |
| 10 2005 Chevy Colorado Pickup Purchased: 11/04 | 2LL11 | 43,540 | 55,985 | 68,418 | 62 | 5.2 | 897 | 3524 | 1037 | 1036 | F.Y. 2012 | 80,851 | 93,284 | 105,717 | |
| 11 2005 Chevy Colorado Pickup Purchased: 11/04 | 2LL12 | 43,296 | 57,876 | 70,395 | 62 | 5.2 | 928 | 3500 | 1215 | 1043 | F.Y. 2012 | 82,914 | 95,433 | 107,952 | |
| 12 2005 Chevy Colorado Pickup Purchased: 11/04 | 2LL13 | 19,957 | 26,675 | 35,457 | 62 | 5.2 | 427 | 1630 | 560 | 732 | F.Y. 2011 | 44,239 | 53,021 | 61,803 | |
| 13 2006 Ford F250 Pickup Purchased: 11/05 | 2LL15 | 29,598 | 42,560 | 53,456 | 50 | 4.2 | 844 | 2467 | 1080 | 908 | F.Y. 2012 | 64,352 | 75,248 | 86,144 | |
| 14 2006 Chevy Colorado Pickup Purchased: 1/06 | 2LL16 | 37,550 | 58,100 | 75,750 | 48 | 4.0 | 1,210 | 3129 | 1713 | 1471 | F.Y. 2012 | 93,400 | 111,050 | 128,700 | |
| 15 2008 Ford Ranger Purchased: 12/07 | 2LL17 | 286 | 25,068 | 40,656 | 24 | 2.0 | 1,045 | 24 | 2065 | 1299 | F.Y. 2012 | 56,244 | 71,832 | 87,420 | |
| 16 2008 Ford Ranger Purchased: 12/07 | 2LL18 | 46 | 7,035 | 13,022 | 24 | 2.0 | 293 | 4 | 582 | 499 | F.Y. 2012 | 19,009 | 24,996 | 30,983 | |
| 17 2009 Chevy Colorado Purchased 12/08 | 2LL19 | 0 | 757 | 23,924 | 24 | 2.0 | 31.54 | 0 | 63 | 1931 | F.Y. 2012 | 47,091 | 70,258 | 93,425 | |
| 18 2009 Chevy Colorado Purchased 1/09 | 2LL20 | 0 | 0 | 12,830 | 12 | 1.0 | 0.00 | 0 | 0 | 1069 | F.Y. 2012 | 25,660 | 38,490 | 51,320 | |
| 19 2010 Ford Ranger Purchased 12/09 | 2LL21 | 0 | 0 | 0 | 0 | 0.0 | 0.00 | 0 | 0 | 0 | F.Y. 2012 | 8,784 | 17,568 | 26,532 | |
| 20 2010 Ford F-250 Purchased 12/09 | 2LL22 | 0 | 0 | 0 | 0 | 0.0 | 0.00 | 0 | 0 | 0 | F.Y. 2012 | 15,456 | 30,912 | 46,368 | |
| 21 2004 Ford Diesel 4x4 Utility Truck Purchased: 11/04 | 2TA11 | 54,879 | 72,727 | 90,445 | 62 | 5.2 | 1,165 | 3292 | 1487 | 1477 | F.Y. 2012 | 108,163 | 125,881 | 143,599 | |
| 22 2006 Ford Utility Truck Purchased: 11/05 | 2TA12 | 32,027 | 47,270 | 62,063 | 50 | 4.2 | 938 | 2669 | 1270 | 1233 | F.Y. 2012 | 76,856 | 91,649 | 106,442 | |
| 23 2010 Ford F350 Utility Purchased 12/09 | 2TA13 | 0 | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 | 0 | F.Y. 2012 | 15,792 | 31,584 | 47,376 | |
| 24 2010 Chrysler Van Purchased 12/09 | 2VA03 | 0 | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 | 0 | F.Y. 2012 | 5,592 | 11,184 | 16,776 | |

* Total Life = Total Miles / Age in Months (average miles per month of ownership)

** Based on 2006 Avg. Mileage/Month

PAPIO-MISSOURI RIVER NATURAL RESOURCES DISTRICT

VEHICLE OPERATION RECORDS

CALENDAR YEAR 2009

| A | B | C | D | E | F | G | H | I | J | K | L | M | N |
|-------------|------------------------------------|----------------------|---|-----------|-------------------|-----------------------------|----------|--------|-----------------|-----------------------|-------------------------|-------------------------|---|
| | VEHICLE DESCRIPTION | TOTAL MILES TRAVELED | FUEL INFO. TOTAL DIR. OPERATING EXPENSE | MPG (C/D) | TOTAL GALS. (C/D) | MAINTENANCE AND REPAIR COST | COMM. | PNRD | TOTAL M&R (H+I) | OVERALL EXPENSE (G+J) | OVERALL COST/MILE (K/D) | ENDING MILEAGE 1/1/2009 | |
| 1 | 1CA08 03 FORD EXPLORER | 13,591 | 786 | 17.3 | \$1,903.67 | \$150.93 | \$0.00 | \$0.00 | \$150.93 | \$2,054.60 | \$0.15 | 103,341 | |
| 2 | 1CA09 04 CHEVY BLAZER | 14,713 | 756 | 19.5 | \$1,780.94 | \$29.74 | \$0.00 | \$0.00 | \$29.74 | \$1,810.68 | \$0.12 | 79,905 | |
| 3 | 1CA10 08 FORD ESCAPE | 35,088 | 1,302 | 26.9 | \$3,173.47 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$3,173.47 | 0.090443171 | 44,587 | |
| 4 | 1CA11 10 FORD ESCAPE | 800 | 26 | 30.4 | \$67.90 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$67.90 | 0.084875 | 800 | |
| 5 | 2EA05 91 MACK DUMP TRK | 26,001 | 4,302 | 6.0 | \$7,203.16 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$7,203.16 | \$0.28 | 174,374 | |
| 6 | 2EA07 02 FORD 4X4 DUMP BED | 5,305 | 692 | 7.7 | \$1,713.45 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$1,713.45 | \$0.32 | 64,369 | |
| 7 | 2EA08 07 MACK DUMP TRK | 30,909 | 5,543 | 5.6 | \$9,294.76 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$9,294.76 | \$0.30 | 82,427 | |
| 8 | 2GA01 02 FORD LIGHT FLAT BED | 6,882 | 680 | 10.1 | \$1,688.54 | \$714.75 | \$0.00 | \$0.00 | \$714.75 | \$2,403.29 | \$0.35 | 49,496 | |
| 9 | 2GA02 04 FORD F-350 FLATBED TRUCK | 3,619 | 408 | 8.9 | \$921.43 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$921.43 | \$0.25 | 35,800 | |
| 10 | 2GA03 08 FORD F-250 FLATBED TRUCK | 25,511 | 2,343 | 10.9 | \$5,043.76 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$5,043.76 | \$0.20 | 72,150 | |
| 11 | 2LA34 97 CHEVY S-10 PICKUP 4X4 | 12,630 | 798 | 15.8 | \$1,804.70 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$1,804.70 | \$0.14 | 97,590 | |
| 12 | 2LA45 06 FORD F350 PICKUP | 28,106 | 2,390 | 11.8 | \$5,241.02 | \$3,061.38 | \$133.16 | \$0.00 | \$3,194.54 | \$8,435.56 | \$0.30 | 111,316 | |
| 13 | 2LL08 00 FORD DIESEL SUPER CAB 4X4 | 9,246 | 635 | 14.6 | \$1,603.76 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$1,603.76 | \$0.17 | 137,567 | |
| 14 | 2LL09 00 FORD DIESEL SUPER CAB 4X4 | 15,451 | 1,083 | 14.3 | \$2,555.04 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$2,555.04 | \$0.17 | 148,589 | |
| 15 | 2LL11 05 CHEVY COLORADO 4X4 | 12,433 | 770 | 16.2 | \$1,757.00 | \$309.11 | \$0.00 | \$0.00 | \$309.11 | \$2,066.11 | \$0.17 | 68,418 | |
| 16 | 2LL12 05 CHEVY COLORADO 4X4 | 12,519 | 644 | 19.4 | \$1,527.22 | \$388.89 | \$0.00 | \$0.00 | \$388.89 | \$1,916.11 | \$0.15 | 70,395 | |
| 17 | 2LL13 05 CHEVY COLORADO 4X4 | 8,782 | 581 | 15.1 | \$1,343.91 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$1,343.91 | \$0.15 | 35,457 | |
| 18 | 2LL15 06 FORD F350 PICKUP | 10,896 | 1,207 | 9.0 | \$2,763.49 | \$966.46 | \$0.00 | \$0.00 | \$966.46 | \$3,729.95 | \$0.34 | 53,456 | |
| 19 | 2LL16 06 CHEVY COLORADO 4X4 | 17,650 | 958 | 18.4 | \$2,198.22 | \$596.18 | \$0.00 | \$0.00 | \$596.18 | \$2,794.40 | \$0.16 | 75,750 | |
| 20 | 2LL17 08 FORD RANGER | 15,588 | 913 | 17.1 | \$2,249.68 | \$711.23 | \$0.00 | \$0.00 | \$711.23 | \$2,960.91 | \$0.19 | 40,656 | |
| 21 | 2LL18 08 FORD RANGER | 5,987 | 422 | 14.2 | \$969.61 | \$74.77 | \$0.00 | \$0.00 | \$74.77 | \$1,044.38 | \$0.17 | 13,022 | |
| 22 | 2LL19 09 CHEVY COLORADO | 23,167 | 1,493 | 19.4 | \$2,565.42 | \$176.17 | \$0.00 | \$0.00 | \$176.17 | \$2,741.59 | \$0.12 | 23,938 | |
| 23 | 2LL20 09 CHEVY COLORADO | 12,830 | 641 | 20.0 | \$1,463.00 | \$665.60 | \$0.00 | \$0.00 | \$665.60 | \$2,128.60 | \$0.17 | 12,830 | |
| 24 | 2RA04 06 MACK TRUCK TRACTOR | 7,905 | 1,945 | 4.1 | \$3,010.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$3,010.00 | \$0.38 | 18,022 | |
| 25 | 2TA10 01 FORD F-350 UTILITY TRK | 15,789 | 1,831 | 8.6 | \$4,031.92 | \$122.83 | \$0.00 | \$0.00 | \$122.83 | \$4,154.75 | \$0.26 | 138,100 | |
| 26 | 2TA11 2004 FORD UTILITY TRUCK | 17,718 | 1,637 | 10.8 | \$4,036.73 | \$8,516.96 | \$0.00 | \$0.00 | \$8,516.96 | \$12,553.69 | \$0.71 | 90,445 | |
| 27 | 2TA12 06 FORD UTILITY TRUCK | 14,793 | 1,392 | 10.6 | \$3,216.33 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$3,216.33 | \$0.22 | 62,063 | |
| 28 | 2VA02 99 FORD WINDSTAR MINI VAN | 5,595 | 287 | 19.5 | \$679.97 | \$97.73 | \$0.00 | \$0.00 | \$97.73 | \$777.70 | \$0.14 | 64,620 | |
| 2009 TOTALS | | 409,504 | 36,166 | 11.3 | \$75,808.10 | \$16,502.73 | \$133.16 | \$0.00 | \$16,715.89 | \$92,523.99 | \$0.23 | | |