

HPW EQUIPMENT REPLACEMENT JUSTIFICATION

	Yes	No
Is this a replacement vehicle?	X	
Is this an additional vehicle?		X

Vehicle #	33-1133
Year	2011
Make	INTERNATIONAL
Model	7400
Hours/Mileage	30,000
Department	PW
Division	STREET DEPT

Current Issues or Near Future Concerns on current vehicle.

BED FLOOR ROTTED (CURRENT)	\$ 10,000.00
HYDRAULIC PIPES AND HOSE REPLACEMENT (CURRENT)	\$7,500.00
DPF/DOC CLEANING OR REPLACEMENT	\$2,500.00
UNDERBODY PLOW PINS AND BUSHINGS (CURRENT)	\$2,500.00
EMISSION COMPONENT FAILURE (COMMON)	\$7,500.00
HEAVY RUST ON REAR OF CHASSIS	\$4,500.00
PRE-WET TANK FRAME ROTTED	\$2,500.00
UNDERBODY CYLINDER LEAKING	\$1,850.00
	\$38,850.00

Vehicle/Equipment with additional equipment necessary to purchase

\$0.00

Total Replacement Cost	\$ 116,526.00
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Budgeted Amount	\$ 315,000.00
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Additional Notes:

THIS QUOTE IS FOR THE CHASSIS ONLY. THE DEADLINE FOR THE ORDER BANK HAS FORCED US TO SEND THE CHASSIS FOR BOARD APPROVAL SEPARATE FROM THE UP-FIT.

TRUCK 33 CURRENTLY HAS 30,000 MILES AND HAS BEEN IN SERVICE FOR 15 YEARS.

TRUCK 33 IS OUR ONLY TRUCK IN EPA10 EMISSION TIER. THIS TRUCK IS THE FIRST GENERATION OF THIS EMISSIONS TIER AND HAS CAUSED MANY CHALLENGES FOR THE FLEET OVER ITS LIFETIME.

THE PRE-WET TANK AND SPREADER OF THIS TRUCK BOTH ARE IN NEED OF EXPENSIVE REPAIRS IN THE VERY NEAR FUTURE.

THE LAST TIME WE REPLACED EMISSIONS COMPONENTS ON THIS TRUCK WAS IN 2019. EGR VALVE, EGR COOLERS, TURBOCHARGERS AND DPF/DOC WILL NEED TO BE INSPECTED SOON.

TRUCK 33 HAS HAD NUMEROUS ISSUES OVER THE YEARS REQUIRING EXTENSIVE DOWN TIME AND MONEY TO REPAIR.

THE MAIN HYDRAULIC PIPES AND HOSES ARE ORIGINAL AND ARE COMING TO THE END OF THEIR LIFE. A HYDRAULIC RE-HOSE OF THE ENTIRE TRUCK WILL BE NEEDED IN THE NEAR FUTURE.

REAR-END HOUSING AND FRAME RAILS HAVE EXTENSIVE RUST FROM 15 YEARS OF PLOWING OPERATION.

SOME CAB AND CHASSIS COMPONENTS ARE NO LONGER AVAILABLE DUE TO AGE, WHICH INCREASES THE

THE UNDERBODY PLOW HAS WORN OUT PINS AND BUSHINGS FROM THOUSANDS OF HOURS OF PLOWING OPERATIONS.

THE YEARLY REPAIR COST ON THIS TRUCK HAS SIGNIFICANTLY INCREASED AS IT HAS AGED. INDUSTRY STANDARD RECOM

ECM FAILURES OF THIS YEAR HAVE BECOME EXTREMELY COMMON IN THE PAST FEW YEARS. ECM REPLACEMENT WOULD BE \$4,500 AND POSSIBLE MONTHS OF DOWNTIME DUE TO BACKORDER ISSUES.

INTERNATIONAL HAS JUST RECENTLY DECIDED TO EXTENDED THE ORDER BANK FOR THIS EMISSION TIER LEVEL AND THE I9 ENGINE WHICH OPENED AN OPPORTUNITY FOR US TO PURCHASE THIS CHASSIS

AFTER 15 YEARS OF SERVICE, HUNDREDS OF SNOW STORMS, ASPHALT HAULING DUTIES, AND VARIOUS OTHER TASK OVER THE YEARS, WE ARE RECOMMENDING REPLACEMENT TO KEEP OUR FLEET SAFE AND

AFTER 15 YEARS OF SERVICE, HUNDREDS OF SNOW STORMS, NINETY HAZARDOUS DUTIES, AND VARIOUS OTHER TASKS OVER THE YEARS, WE ARE RECOMMENDING RETIREMENT TO KEEP OUR FLEET SAFE AND RELIABLE.