



CITY of NOVI CITY COUNCIL

www.cityofnovi.org

**Agenda Item 8
August 27, 2007**

SUBJECT: Approval to purchase a Vactor from Jack Doheny Supplies, Inc., in the amount of \$309,625.

SUBMITTING DEPARTMENT: Public Works

CITY MANAGER APPROVAL:

AMOUNT BUDGETED	\$ 310,000
EXPENDITURE REQUIRED	\$ 309,625
LINE ITEM NUMBER	210-210.00-984.000

BACKGROUND INFORMATION:

City Council appropriated \$310,000 in the 2007-2008 budget for the purchase of a new Vactor. In 2007, the Environmental Protection Agency (EPA) implemented new emission standards for all heavy duty highway vehicles.

We have an opportunity to purchase a 2007 Vactor from Jack Doheny Supplies, Inc., that is equipped with the preferred and grandfathered 2004 emission Caterpillar C-9 diesel engine and not subject to the new emission standards. This vactor is \$12,000 less than engines built after January 1, 2007, and has a cost savings of \$13,500 from the 2006 pricing (\$25,500 total savings). The \$309,625 purchase price includes a \$15,000 trade-in on the department's 1989 Vactor. Doheny's pre-ordered several 2007 model vactors and are able to reduce the purchase price and, because they are in stock, provide one-month delivery. Delivery of the 2008 model is one year out.

While the cost savings of the 2007 vehicle is substantial, the availability and delivery of the new vactor is a major consideration. The current vactor is consistently being repaired and out of service. In August 2006, Doheny estimated long-term repairs (replacement of the rusted water tank and debris box) at approximately \$125,000; the monthly cost to rent this equipment was \$9,500.

Oakland County and the cities of Troy and Southfield in addition to other entities, have purchased vactors from Doheny's in the last three years. The attached quote is in line with Oakland County's November 2006 purchase price.

The Purchasing Department researched vendors for this equipment and found that only a few companies provide vactors, and that Doheny is the only company that maintains a parts inventory. We recommend that Novi, like other governmental agencies, purchase the vactor from Jack Doheny Supplies, Inc.

RECOMMENDED ACTION:

Approval to purchase a Vactor from Jack Doheny Supplies, Inc., in the amount of \$309,625.

	1	2	Y	N
Mayor Landry				
Mayor Pro Tem Capello				
Council Member Gatt				
Council Member Margolis				

	1	2	Y	N
Council Member Mutch				
Council Member Nagy				
Council Member Paul				



MEMORANDUM

TO: Carol J. Kalinovik, Purchasing Director

FROM: William McCusker, Director of Public Works

RE: **Vactor Purchase**

DATE: August 13, 2007

A handwritten signature in black ink, appearing to be 'W. McCusker', written over the 'FROM' line.

Effective January 1, 2007, the Environmental Protection Agency (EPA) mandated that all heavy-duty highway vehicles (above 8,500 lbs) comply with new emission standards. The 2007 Vactor model includes the preferred and grandfathered '2004 emission' Caterpillar C-9 diesel engine which is \$12,000 less than engines built after January 1, 2007. The 2007 model has a cost savings of \$13,500 from the 2006 pricing. We do not believe the additional costs (\$25,500) are warranted when other new vehicles are still available. Until definitive test results for the new emission standards are available, we recommend purchasing the 2007 model. In addition, delivery of the 2008 model is one year out.

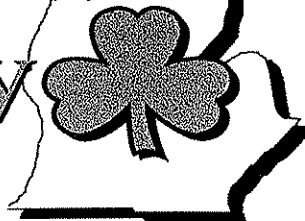
Doheny pre-ordered enough vactors to supply their customers, and we have an opportunity to purchase a new 2007 Vactor, which is not subject to the new standards, for \$309,625 (\$310,000 budgeted), with delivery in one month. This price includes a \$15,000 trade-in on our 1989 Vactor. While the cost savings of the 2007 vehicle is substantial, the availability and delivery of the new Vactor is also a major consideration. The department's current Vactor is consistently being repaired and out of service. In August 2006, Doheny estimated long-term Vactor repairs (replacement of the rusted water tank and debris box) at approximately \$125,000; equipment rental was \$9,500 per month.

Attachments

CC: Clay Pearson
Pam Antil
Kathy Smith-Roy
Tim Sikma

Jack Doheny Supplies

*"World's Largest Distributor of Sewer Cleaning
and Air Handling Equipment"*



Mr. Benny McCusker, Director
Department of Public Services
City of Novi
45175 W. Ten Mile Road
Novi, MI 48175

May 7, 2007

Dear Mr. McCusker,

Thank you for consideration of replacing your 1989 Vactor combination sewer-cleaner. Enclosed per our conversation is documentation of the recent Oakland County Drain Commissioner bid of a Vactor model 2115-824-18 mounted on a 2006 Sterling LT8513 chassis. I've enclosed bid specs of their recent purchase for your review, which as we've discussed; several communities have used to make "add-on" purchases.

The City of Novi may likewise add-on to this 2006 bid/purchase of \$324,625.00. The machine delivered to you would be an identical 2007 model saving you \$13,500.00 from 2006 pricing. We have one pre-ordered 2007 unit on order meeting the enclosed Oakland County bid specs due to be completed very soon. This machine includes the preferred and grandfathered "2004 emission" Caterpillar C-9 diesel which is \$12,000.00 less than engines built after January 1, 2007. All told your savings are more than \$25,000.00 plus any additional cost associated with 12-month module engineering delays we are anticipating.

The total trade allowance of your 1987 Vactor unit in current condition is \$15,000.00, which may be applied to reduce the net price to \$309,625.00. We would likely be able to provide delivery immediately after July 1st.

As you've known from your many years in Public Services, Vactor is overwhelmingly the #1 selling combination sewer-cleaner in the North America. In fact, our records indicate the Vactor is used by over 90% of all communities using combination sewer-cleaning machines throughout Michigan, Ohio and Indiana. Quality equipment, performance and non-compromising support service many have come to expect from Jack Doheny Companies are primary reasons for this success. We back our service with loaner equipment available from our 200 unit rental fleet, which is 5 times larger than any other in the United States.

We thank you and the City of Novi for our historic working relationship and for your consideration of this current requirement. We optimistically look forward to serving the City of Novi with the most competent support possible.

Sincerely,

David R. Snyder
Municipal Account Manager
Jack Doheny Supplies, Inc.

Jack Doheny Supplies

*"World's Largest Distributor of Sewer Cleaning
and Air Handling Equipment"*



Purchase Proposal per Oakland County bid

For (1)

Vactor model 2115-824-18

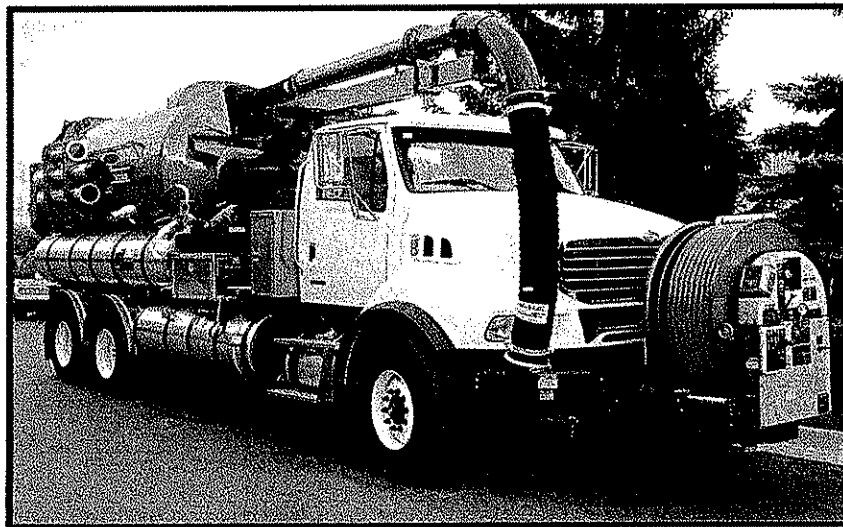
**15 YARD SINGLE ENGINE COMBINATION
SEWER & CATCH BASIN CLEANER WITH
1500 GALLON WATER STORAGE**

Prepared

May 7, 2007

For

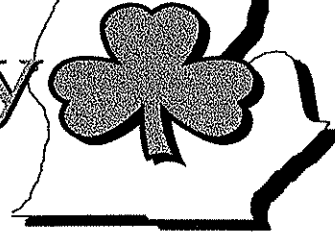
**Mr. Benny McCusker, Director
Department of Public Services
City of Novi**



Prepared by:
David Snyder
Municipal Account Manager
248-939-3223
davesnyder@doheny-supplies.com

Jack Doheny Supplies

*"World's Largest Distributor of Sewer Cleaning
and Air Handling Equipment"*



Mr. Benny McCusker, Director
Department of Public Services
City of Novi
45175 W. Ten Mile road
Novi, MI 48175

May 7, 2007

Dear Mr. McCusker,

We are pleased to provide you a quotation adding on to 2006 Oakland County purchase of the following:

One (1) New VACTOR Model 2115-824-18 combination sewer vacuum & high pressure jet rodder having positive displacement (PD) blower and 15 cubic yard debris hopper capacity, equiped per 2006 Oakland County bid:

Debris Body

15 Cubic Yard Hopper

Cylindrical, 1/4" Exten Steel Debris Body

Double Acting Hydraulic Dump Hoist

Full Opening Rear Door

Body Accessories

Flat Rear Door With Hydraulic Locks And Open/Close

Debris Body Flush Out System - 80-100 GPM

Stainless Steel Ball Float Shut-Off

Body Drain Pipe: 6" Knife Valve, Rear Door With Camloc

Screen Assembly For Trash Pump

Pump-Off Port Installation Only

Centrifugal Separator (Cyclone)

Folding Pipe Rack - Curbside

Folding Pipe Rack - Street Side

Stainless Steel Micro-Strainer

Splash Shield - Rear Door

Lube Manifold

Debris Body Vacuum Relief System, Located In Inlet Of Vacuum System

Deflector Plate In Debris Body

Water Tank Accessories

Low Water Warning Light

3" Drain Valve At Water Pump

1500 Gallon Water Capacity ILO 1000 Gallon

Aluminum Water Tanks

Vacuum System Accessories

Positive Displacement Blower System
Roots 824-RCS/18" Blower 4500 CFM
Hot Shift Blower Drive System

Boom Accessories

Electronic-Over-Hydraulic, 4-Way Power Boom
8 Ft. Hydraulic Telescopic Boom With 180 Degree Rotation
Remote Push Button Pendant Control
Joystick Control For Boom Function At Front
Cordless Remote Boom Control

High Pressure Water Pump

Variable Pressure, Hydraulically Driven, Double Acting, Single Piston
80 Gpm / 2500 Psi Water System
12 Gpm Cold Weather Recirculation System
Accumulator System For Water System
3" Y-Strainer At Water Pump
Multi-Flow System With Nozzle Storage Rack
Catch basin cleaning water system: 20 Gpm with 600 Psi relief
Mid-Ship Handgun Coupler
Rodder Pump Drain Valves (2)

Hose Reel Accessories

600' X 1" Premium Sewer Hose - 2500 Psi
Automatic Hose Level Wind Guide
Mechanical wheel-type hose footage counter
Accu-Count 2.0 Digital Footage Counter and Recorder
Handgun Hose Reel - Spring Retractable Reel With 50' Hose Assembly
Telescoping Rotating Hose Reel
Hydraulic Shut-Off Valves At Suction, Return And Filter Line (3)
Nozzle Storage Rack For Multi-Flow System

Light Accessories

Sealed Electrical System
Hand Light With Bumper Plug
Work Lights (2) On Telescopic Boom
(1) Public Safety AS450H Arrowstick w/Large Arrows
(2) Target Tech Mini Light Bar 415111
Beacon Mounting Plate

Chassis Accessories

(2) Tow Hooks: Front
(2) Tow Hooks: Rear
(1) 96 In. X 30 In. X 16 In. Aluminum Full Width Toolbox
(1) Pair rear mud flaps

Safety Equipment

(1) Safety cone storage rack
(1) Emergency Flare Kit
(1) 5# Fire Extinguisher

Paint

Module - Centari (Primer Base)
Module: Medium Metallic Blue - V1355M
Cab: Imrom white - N0006

Nozzles, Skids and Cutting Tools

- (1) 1" Small finned nozzle pipe skid
- (1) 1" Large finned nozzle pipe skid
- (1) 15 Degree Sand Nozzle
- (1) 30 Degree Penetrator Nozzle
- (1) 60.100L Large Chisel Point Nozzle
- (1) 40.100A Standard Grenade Bomb Nozzle
- (1) 40.100B Large Grenade Bomb Nozzle
- (1) 04.060 KBR Roto-Jet Nozzle

Vacuum Pipe and Accessories

- (1) 8 In. X 3' Aluminum Pipe
- (2) 8 In. X 5' Aluminum Pipe
- (1) 8 In. X 6'6 In. Catch Basin Tube
- (2) 8 In. X 7.5' Aluminum Pipe Assembly
- (7) 8 In. Quick Clamp Assembly - Total
- (2) 8 In. X 7.5' Aluminum Pipe Assembly
- (1) 8 In. Adjustable Air Adapter
- (1) Flexible hose guide
- (1) 25' x 1"sewer lead hose

Manhole Tools

- Aluminum Frame Upstream Pulley Guide
- 36" Manhole Lid Hook
- 8' - 16' X-tend a Claw

Hydro-Excavation Tools

- (1) Jake-A-Vator hydro-excavation suction tube
- (1) Earthquaker hydro-excavation handgun system with unloader

Miscellaneous Accessories

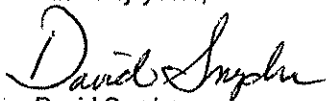
- 2-1/2" Detroit Fire Hose End on Fill Hose

Chassis

2007 Sterling LT8513, 6x4 238"WB, 174"CA, Cat C-9, 350HP / Allison 3000-RDS, 66,000 GVW
 Operator Safety Training And Maintenance Training

	BUDGET PRICE: \$	324,625.00
	1990 Vactor 1200 \$	(15,000.00)
		=====
NET AFTER ALLOWANCE: \$		309,625.00

Sincerely yours,



David Snyder

Municipal Account Manager

248-939-3223

davesnyder@doheny-supplies.com