



CITY of NOVI CITY COUNCIL

Agenda Item 7
November 27, 2017

SUBJECT: Approval to purchase a 2017 GapVax MC Series Combination Jet/ Vacuum Machine from MTech using the Oakland County Cooperative Purchasing Contract, in the amount of \$394,481.00.

SUBMITTING DEPARTMENT: Department of Public Services, Field Operations Division
Department of Public Services, Fleet Division

CITY MANAGER APPROVAL: 

EXPENDITURE REQUIRED	\$ 394,481.00
AMOUNT BUDGETED	\$ 400,000.00
APPROPRIATION REQUIRED	N/A
LINE ITEM NUMBER	210-211.00-984.022 (Truck Mounted Storm Sewer Cleaner)

BACKGROUND INFORMATION:

The approved FY 2017/2018 budget includes the procurement of a 2017 Jet/Vacuum machine and truck chassis to replace the existing 2007 unit, which is currently in operation. The replacement truck mounted unit provides DPS team members the ability to clean debris from structures that collect water along the roadway; reducing sediment that is deposited in streams and lakes, cleans pipes that link our storm water network, and excavates around utilities minimizing damage to the area. The equipment also comes equipped with a remote system control unit, so that the operator can control vacuum and jetting controls from a safe distance when needed.

The truck is proposed to be procured using the Oakland County Cooperative Purchasing Contract. The contract allows the City to take advantage of pricing incentives and expedites build and delivery times.

Our 2007 jet/vacuum truck holds a trade in value of \$80,000 that will be deposited into the General Fund once the replacement unit arrives. The replacement equipment is estimated to arrive within six months after approval of purchase.

RECOMMENDED ACTION: Approval to purchase a 2017 GapVax MC Series Combination Jet/ Vacuum Machine from MTech using the Oakland County Cooperative Purchasing Contract, in the amount of \$394,481.00.



GapVax
MC1510



7401 First Place
 Cleveland, Ohio 44146
 800.362.0240 - 440.646.0996
 440.646.9953 Fax
 sales@mtechcompany.com

Sales Order

Date	S.O. No.
11/15/2017	SO174506

Bill To
Novi, City of 26300 Delwal Drive Novi, MI 48375

Ship To
Novi, City of 26300 Delwal Drive Novi, MI 48375

Rep	Account #	P.O. No.	Terms	Ship Via	Ship Date	Col/PPD
Don	T735562		Net 20	M Tech Truck	11/15/2017	
Item	Description		Qty Ord.	UOM	Unit Price	Total
254-MC1510-N...	Custom Per Specifications: MC1510. Western Star Chassis, Race Red Body w/ Black Accents		1	ea	394,481.00	394,481.00
999-Trade-In	Trade-In Allowance - Novi Vactor				-80,000.00	-80,000.00
Comments:				Subtotal	\$314,481.00	
				Sales Tax (0.0%)	\$0.00	
				Total	\$314,481.00	



GapVax MC Series Combination Jet / Vacuum Machine
Sales Proposal for: Novi, MI
Pricing Effective September 1, 2015
Presented by: MTEch



Ver: 1.0

Date: 10/4/17

Oakland County Contract ID 004011

Option Number	List Price AVAILABLE Options	Qty.	List Price SELECTED Novi	Comments
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CUSTOMER INFORMATION

Company Name: City of Novi
 Contact Name: Rhatigan, Michael
 Street Address:
 City, State & Zip:
 Email: mrhatigan@cityofnovi.org

Height Requirement:
 Length Requirement:
 Color Requirement: City Red - Both Cab and Back End - Normal frame, boom, etc... Black
 Aluminum Tube Type: Band-Lok
 Jetter Hose Type: Standard

City Red

Days Valid For: 90 Days
 Proposal No.: 7401-1122

WARRANTIES AND KEY STANDARD FEATURES - COMBINATION MACHINES (see separate literature for all warranty details and limitations)

<u>Entire Unit</u>				
a) Warranty: One-year. Against defects in materials and workmanship on entire unit.			one	
<u>Water Tank Material Std: 3/16" ASTM A-240 type 304L Stainless Steel</u>				
a) Warranty: Ten-year. No rust through, cracking or distortion.			ten	
b) Warranty: Twenty-year. If upgrade to 1/4" SS Debris Body. No rust through, cracking or distortion.				
<u>Debris Tank Material Std: 3/16" Exten A-572 Grade 50 Steel</u>				
a) Warranty: Five-year. No rust through, cracking or distortion			Five	See option A20 for upgrade to 1/4" Exten
b) Warranty: Ten-year. If upgrade to 1/4" Exten A-572 Grade 50 Steel. No rust through, cracking or distortion				Requires coating option K20, otherwise 5 years
c) Warranty: Ten-year. If upgrade to 3/16" SS Debris Body. No rust through, cracking or distortion				
d) Warranty: Twenty-year. If upgrade to 1/4" SS Debris Body. No rust through, cracking or distortion				
<u>Water Pump Std: 80 gpm @ 2,000 PSI</u>				
a) Warranty: Five-year. Must be Giant or General pump, otherwise one-year			Five	See option D3a for upgrade to Giant 80/2500
<u>Positive Displacement Blower Std: 3,500 cfm or 16" Hg</u>				
a) Warranty: One-year			one	See option C8 for upgrade to 18" and/or min 5300 cfm
Boom - 26' reach from center of truck standard Hose reel capacity - 800 feet of 1" hose standard NEMA 4 labeled wiring standard DOT Lighting / Fenders / Rear mud flaps / Tank and rear door safety props, ICC lights - All Standard				

NOTE: GAPVAX, INC. FOLLOWS A POLICY OF CONTINUAL PRODUCT IMPROVEMENT AND REFINEMENT. AS A RESULT, CHANGES TO STANDARD EQUIPMENT, FEATURES, SPECIFICATIONS AND OPTIONAL EQUIPMENT MAY OCCUR AT ANY TIME

MAIN UNIT OPTION - WITH CHASSIS - DELIVERED - TANDEM AXLE

Combination Machine

1500 Gallons Water / 8 Cubic Yards Debris - To be Mounted on Tandem Rear Axle Chassis	MC1508	\$302,266		
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2000 Gallons Water / 8 Cubic Yards Debris - To be Mounted on Tandem Rear Axle Chassis - Use for other custom sizes.	MC2008	\$304,760			
1200 Gallons Water / 10 Cubic Yards Debris - To be Mounted on Tandem Rear Axle Chassis	MC1210	\$301,672			
1500 Gallons Water / 10 Cubic Yards Debris - To be Mounted on Tandem Rear Axle Chassis	MC1510	\$302,619	1	\$302,619	
1000 Gallons Water / 12 Cubic Yards Debris - To be Mounted on Tandem Rear Axle Chassis	MC1012	\$301,431			
MAIN UNIT OPTION - WITH CHASSIS - DELIVERED - TANDEM AXLE WHICH MAY REQUIRE LIFT					
Combination Machine					
1500 Gallons Water / 11 Cubic Yards Debris - To be Mounted on Tandem Rear Axle Chassis - May Require Lift	MC1511	\$305,837			
1300 Gallons Water / 12 Cubic Yards Debris - To be Mounted on Tandem Rear Axle Chassis - May Require Lift	MC1312	\$305,837			
1500 Gallons Water / 12 Cubic Yards Debris - To be Mounted on Tandem Rear Axle Chassis - May Require Lift	MC1512	\$306,051			
900 Gallons Water / 15 Cubic Yards Debris - To be Mounted on Tandem Rear Axle Chassis - May Require Lift	MC0915	\$306,051			
700 Gallons Water / 16 Cubic Yards Debris - To be Mounted on Tandem Rear Axle Chassis - May Require Lift	MC0716	\$306,051			
1300 Gallons Water / 15 Cubic Yards Debris - To be Mounted on Tandem Rear Axle Chassis - May Require Lift - Includes 3/16" Stainless Steel Debris Tank Upgrade	MC1315	\$337,821			
Chassis - Base Standard - Tandem Axle					
Make/Model: Western Star	Std.	Std.			See option J98W1-Tan - Will allow for International, WS or Pete Chassis - With Cummins or Paccar Engine and larger GVWR
Engine HP: 350 HP Diesel Engine	Std.	Std.			
Transmission Make/Model: Automatic Allison 3000 Series	Std.	Std.			
Engine Compression Brake	Std.	Std.			
GVW: 60,000 lbs.	Std.	Std.			See option J98W1-Tan for upgrade to 66K or 68K
Front Axle: 20,000 lbs.	Std.	Std.			See option J98W1-Tan for upgrade to 66K or 68K
Rear Axle: 40,000 lbs.	Std.	Std.			See option J98W1-Tan for upgrade to 66K or 68K
AM/FM Weatherband Radio	Std.	Std.			
HVAC	Std.	Std.			
Driver Air Seat	Std.	Std.			
DOT Lighting / Fenders / Rear Mud Flaps / Body and Tailgate Safety Props, ICC Lights	Std.	Std.			
Back Up Alarm - 97 dBa	Std.	Std.			
Triangle Kit	Std.	Std.			
Fire Extinguisher 5 lbs.	Std.	Std.			
70 gallon hydraulic oil reservoir, level/temperature Gauge, suction line shut-off valve	Std.	Std.			
Transfer case Mounted hydraulic pump	Std.	Std.			
Chassis - Options - Tandem Axle					
Front Bumper - GapVax Manufactured	J0	\$590	1	\$590	
TWO Tool Boxes - Aluminum, 16" High x 12" Wide x 18" Deep with fold down door - mounted in front bumper	I26b	\$2,000			
Allison Automatic Transmission 10-Bolt PTO Upgrade for Auto Trans - Used with Options D0a and D0b and Water Recirculation (model 890). J1a or J1b Required with Allison Transmission	J1b	\$2,500	1	\$2,500	
Transfer case oil sight level gauge mounted on frame	J2	\$475	1	\$475	Non Contract Item
Tow Hooks Front - Relocated	J3	\$375			
Tow Hooks Rear - Relocated	J4	\$375			
Metal Mud Flaps in Front of Rear Tires	J12	\$345	1	\$345	
Drop Axle, 13,200 lbs. Self Steer	J14	\$14,115			
Remote Lube for Boom Lift and Rotation - See E6, J18, M32	E6	\$2,545	1	\$2,545	
Upgraded Auto Lube System-May require other options-May not include every point-See E6, J18, M32	M32	\$7,995			
Passenger Air Seat ILO Std.	J60*	\$660	1	\$660	
Upgrade to Aluminum Wheels ILO Std.	J84* - Tan	\$2,750	1	\$0	To charge to Novi per MTech
Heated Mirrors ILO Std.	J86*	\$848			



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Power Mirrors ILO Std.	J87*	\$1,060				
Diff Lock - 46,000 lbs. back-end - Adv	J83d-Tan	\$1,470	1	\$1,470		
64,000 or 66,000 GVRW Chassis ILO of 60,000	J85a-Tan	\$2,806				
Western Star 62K (66K actual) Chassis or Similar ILO Base - May Change Some Standard Chassis Features	J98W1 - Tan	\$4,000	1	\$4,000		Will allow for International, WS or Pete Chassis - With Cummins or Paccar Engine
CNG Upgrade	J98C - Tan	\$97,500				
2017 Chassis Model Year Update	J99-17	\$22,500	1	\$22,500		
Stainless steel dump apron / pan on rear bumper	J22	\$770	1	\$770		Non Contract Item
Section A - Debris Body Options						
3/16" ASTM A-572 Grade 50 Exten High Strength Steel Debris Tank	Std.	Std.				See option A20 for upgrade to 1/4" Exten
Dual 10" Stainless Steel Float Balls Shut off in Debris Tank	Std.	Std.				
Top loading material backed debris deflection body inlet cannon with 8" cleanout on top	Std.	Std.				
Basket to hold 25' fire hose without need to disconnect curbside front	Std.	Std.				
Full opening rear tailgate with stainless steel "sure seal" rod and solid core gasket	Std.	Std.				
Four (4) adjustable hydraulic rear door locks with individual dedicated hydraulic cylinders	Std.	Std.				
Dual (2) tailgate hydraulic lift cylinders - open/close	Std.	Std.				
Front Mounted hoist cylinder, 55,000 lbs. capacity, power up and down	Std.	Std.				
Cam-Loc Fittings for Drain Hoses (per set) 6" - Includes Flanges	Std.	Std.				
Debris Body Baffle Plate - Required with HX Package or High Flow CFM Blower	Std.	Std.				
Debris Body Flush Out System. Standard Jet style = 6 jets to the rear, 2 fans to the front, two jets toward float balls	A1	\$1,780	1	\$1,780		
Drain Valve - Rear Door - 6" Knife with 15' of lay flat hose (for tailgate basket, add Option I20)	A2a	\$745				
Drain Valve - Rear Door - 6" Butterfly with 15' of lay flat hose (for tailgate basket, add Option I20)	A2b	\$1,200	1	\$1,200		
Drain Valve - Rear Door - 6" Knife with cylinder style pneumatic actuator	A2c	\$1,880				
Level Indicator - Float Type / Mounted on Rear Door with External Pointer	A3	\$560	1	\$560		Mount on curb side of tank
Upgrade Level Indicator - Float Type / Mounted on Rear Door with External Pointer to Stainless-Requires A3	A3*	\$300	1	\$0		Now standard SS
Pump Off System / 4", 800 GPM (w/ 25' of lay-flat and cam-loc fittings)	A6a	\$6,860	1	\$6,860		GapVax Note: Pump must be painted black or color of truck.
Filter Screens-Interior for Pump Off and Drain Valve (flange, elbow, screen)	A11	\$560	2	\$1,120		One short and one tall - See Option A11* for Stainless
Upgrade Filter Screens-Interior for Pump Off and Drain Valve (flange, elbow, screen) to Stainless-Requires A11	A11*	\$400	2	\$800		
Splash Shield - Rear Door	A13	\$770	1	\$770		
Stainless Steel 3/16" Tank Material ILO Std. (PRICED PER CUBIC YARD - TEN YEAR WARRANTY) (FET APPLIES IF APPLICABLE)	A17	\$1,960				Check Qty.
Stainless Steel 1/4" Tank Material ILO Std. (PRICED PER CUBIC YARD - TWENTY YEAR WARRANTY) (FET APPLIES IF APPLICABLE)	A17*	\$2,175				Check Qty.
1/4" Exten A-572 Grade 50 Tank Material ILO Std. (PRICED PER CUBIC YARD - FIVE YEAR WARRANTY) (FET APPLIES IF APPLICABLE)	A20	\$345	10	\$3,450		Check Qty.
Ladder to Inspection Port Curbside Up to Cannon Area	A21	\$1,915	1	\$1,915		
Fold Down Ladder Mounted Over Tube Tray (Lower Section Only - From Ground to Tube Tray) Requires A21	A21b	\$950				
Three (3) tie-off anchors on top of body 6' apart	A33	\$320	1	\$320		
Section B - Water Tank Options						
Unitized, cylindrical water tank 3/16" ASTM A240 type 304L stainless steel with full sub-frame	Std.	Std.				
4" Anti-Siphon Ring with Four Each 2.5" Holes	Std.	Std.				
Water Tank Level Sight Tube on Curb Side - Clear Plastic Hose	Std.	Std.				
2" Drain Valve at bottom of water tank	Std.	Std.				
3" Fill Line with 2-1/2" Fire Hose Connection - Curbside	Std.	Std.				
3" Water Strainer with stainless steel screen on water tank fill line	Std.	Std.				
3" Supply line to water pump to be mounted at rear of tank and as low as point possible	Std.	Std.				



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		Options	Qty.	Novl		
Stainless Steel 1/4" Tank Material ILO Std. - Up to 1500 gal - When 1/4" SS debris tank is also selected	B7a	\$2,529				Check Qty.
Stainless Steel 1/4" Tank Material ILO Std. - Up to 1500 gal - When 3/16" SS or Carbon Steel debris tank is also selected	B7b	\$4,529				Check Qty.
Baffles in Water Tank - Non Corroding (Not available on 500 & 750 Gallon Water Tanks) - Baffles are Not Standard	B23	\$940	1	\$940		
Section C - Vacuum System Options						
True 8" diameter vacuum system	Std.	Std.				
Three (3) Vacuum Relief Valves set to crack at 16" Hg	Std.	Std.				See option C8 for upgrade to 18" and/or min 5300 cfm and four valves
Discharge silencer w/ rain cap and bottom drain	Std.	Std.				
Centrifugal Cyclone Separator with 20" Chamber with Full Opening Clean-Out Door	Std.	Std.				
Vacuum pump driven via Transfer Case	Std.	Std.				
Rotary Lobe Positive Displacement Vacuum Pump 3,500 CFM & 16" Hg	Std.	Std.				
Noise and vibration dampening mounts on transfer case and vacuum pump	Std.	Std.				
Stainless Steel Vee-Wire Filter Screen at Blower Inlet with Full Opening Clean-Out Door	Std.	Std.				
Vacuum Relief Valve, 6" Air Operated, Externally Mounted, Controlled from Operator Panel	Std.	Std.				
Upgrade Cyclone Assembly (including the involute, 20" hopper & door, EZ Decon top, and vortex finder to Stainless Steel	C5	\$5,900				
Upgrade to Rotary Lobe Positive Displacement Vacuum Pump to 4,500 CFM and 18" Hg	C8	\$11,465	1	\$11,465		Min 5300 cfm
XL Transfer Case upgrade - REQUIRES 11 Liter Engine or Larger (requires engineering approval prior to quoting)	C19	\$825	1	\$825		Non-Contract item - Required for additional CFM
Section D - Water Pump System Options						
Adjustable Low Pressure Water Spray Gun w/50' x 1/2" Hose and Quick Connects, 800 PSI MAX	Std.	Std.				
80 GPM / 2,000 PSI Direct Drive Triplex Water Pump Equipped with Pressure Regulator & Drain Valves	Std.	Std.				See option D3a for upgrade to Giant 80/2500
Pump Drain Valves (Lifters)	Std.	Std.				
Low Point Drain Valves	Std.	Std.				
Multi-Flow - Shaft Drive Water Pumps (MSUV Regulator)	Std.	Std.				
Water Pump Drive: Direct from PTO via Drive Shaft	Std.	Std.				
Air Purge System for MC Jet System	Std.	Std.				
Valve Before 3" Strainer	Std.	Std.				
Giant Water Pump Rated 80 GPM @ 2500 PSI	D3a	\$3,550	1	\$3,550		
3,000 PSI Adjustable Water Spray Gun ILO Standard 800 PSI Max and Regulator (includes additional upgrades for increased pressure requirements)	D4	\$1,400	1	\$1,400		Ability to control pressure for side reel from zero to 2500 psi for general cleaning and hydro work
50' x 1/2" Hand Gun Reel, Retractable w/ 50' x 1/2" Hose - See D25 for 100' option	D7	\$1,170	1	\$1,170		
Air Purge System - HX System	D18	\$535				
MC Cold Weather Recirculation via Automatic Transmission	D21	\$1,010	1	\$1,010		
100' x 1/2" Hand Gun Reel, Retractable w/100' x 1/2" Hose ILO Std.	D25	\$1,650				
10 GPM @ 2,500 PSI Hydraulic Drive Pump for Hydro-Excavation - Hose reel not included	D27a	\$13,000				
5.5 GPM @ 4,000 PSI Hydraulic Drive Pump for Hydro-Excavation - Hose reel not included	D27b	\$13,000				
6.6 GPM @ 3,625 PSI Hydraulic Drive Pump for Hydro-Excavation - Hose reel not included	D27c	\$13,000				
8.2 GPM @ 2,900 PSI Hydraulic Drive Pump for Hydro-Excavation - Hose reel not included	D27d	\$13,000				
12.8 GPM @ 2,175 PSI Hydraulic Drive Pump for Hydro-Excavation - Hose Reel Not Included	D27e	\$13,000				
Glycol Injection System - HX System	D28	\$745				
Hydro-Excavating Lance with Turbo Nozzle	D40a	\$450	1	\$450		
5' Extension for Hydro-Excavating Nozzle	D40c	\$150	2	\$300		Total of 15' reach
Section E - Boom Options						



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		Options	Qty.	Novi		
8" Front Mounted telescoping tube-in-tube boom - inside is true 8" - Up/Down, In/Out, Right/Left	Std.	Std.				
Nine (9) foot telescoping extension - 26' reach from center of truck	Std.	Std.				
180 degree power rotation via direct hydraulic gear (worm) drive with manual override	Std.	Std.				
Dual lift cylinders	Std.	Std.				
Cab protection rack	Std.	Std.				
9" Rubber Connector Hose at Articulation Bearing	Std.	Std.				
3/16" Steel Boom Elbow	Std.	Std.				
Boom Docking Station	Std.	Std.				
3/16" Heavy Duty Boom Elbow w/ 6" Formed Channel Radius	E7	\$1,090	1	\$1,090		
Stainless Steel Cannon ILO Steel	E99*	\$2,500				
Section F- Hose Reel Options						
Front chassis frame mounted hose reel with 180 degrees pivot arc articulation toward the curb side	Std.	Std.				
Manual telescoping sewer hose level wind	Std.	Std.				
800' hose reel capacity of 1" hose powered via hydraulic motor & gear box mounted directly to the reel frame	Std.	Std.				
1-1/2" Heavy duty swivel joint on hose reel spool for water, rated to 4000 PSI and 120 gpm working pressure	Std.	Std.				
Footage Counter on Level Wind - Counts hose deployed rather than rotations of the wheel	F1	\$742	1	\$742		
GapVax Reel-Count Digital Footage Counter	F1c	\$3,060				
Angle Adapter for Manual Level Wind	F2	\$175	1	\$175		
Automatic Hose Level Wind	F11	\$7,030				
Interior Hose Expansion Ribs - Highly Recommended for 600' of Hose or More	F13	\$530	1	\$530		
Double Roller Upgrade on Manual Hose Guide with Opening Feature	F16	\$700	1	\$700		Non-Contract item
Section G- Controls, Gauges, Accessories Options						
Cab Mounted Control Panel for Blower, Water Pump, and Hydraulics	Std.	Std.				
Operator control panel is housed in a weather proof, sealed box rated to NEMA 4 standards	Std.	Std.				
Operator control panel includes: Light, reel speed and direction control, reel articulation control (band brake release), engine tachometer, water pressure gauge, hydraulic pressure gauge, vacuum gauge, electric engine throttle, water pump hour meter, blower hour meter, vacuum relief switch, joy stick for boom control, de-energize water pressure and relieve vacuum switch. Features may change based on options selected.	Std.	Std.				
3 Function Remote Pendant with Minimum of 25 Feet of Cable - Up/Down, In/Out, Left/Right for the Boom	Std.	Std.				
Emergency stop de-energize water flow valve and break vacuum	Std.	Std.				
If Automatic Transmission - Interlock for Throttle Control	Std.	Std.				
Low Water Level Display on Control Panel & Low Water/Water Pressure Off/Return to Tank	G3c	\$935	1	\$935		With option G22, full water control and monitoring at control panel
High Level Debris Light & Alarm - Auto Blower Relief (Requires A3)	G4	\$665	1	\$665		
Blower Temp Gauge Wired to Air Operated Vacuum Relief	G6	\$530	1	\$530		
Body "Up" Light in Cab - Consult with Dealer on Transmission Lock	G14	\$770				
Rear Door "Up" Light in Cab - Consult with Dealer on Transmission Lock	G15	\$770				
Boom "Up" Light in Cab - Consult with Dealer on Transmission Lock	G16	\$770				
Master Control - WL - Boom, Vacuum Relief and Throttle	G19	\$3,565				
Add Vacuum Break & Throttle to 25' Boom Pendant	G20	\$700				
Wireless Remote Control with Remote Water on/off Feature for front hose reel	G21a	\$5,665	1	\$5,665		Must also have hose reel in out control from remote but no speed control
Wireless Remote Control with Hose Reel In/Out	G21a*	\$2,000	1	\$2,000		Must also have hose reel in out control from remote but no speed control - Non Contract Option
Add remote water on/off control to control box and boom pendant (requires Option G20 to add to boom pendant)	G22	\$2,100	1	\$2,100		



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Section H - Lighting Options					
Strobe Beacon Light - Front	H1	\$585	1	\$585	Green and Amber on an much lighting as possible. Total of four beacons on top of truck - Options H1, H2, H3
Strobe Beacon Light - Rear	H2	\$585	1	\$585	
Addition Strobe Light Front or Rear (ea.) Add	H3	\$295	2	\$590	
(1) Boom Work Light - Standard	H5	\$605	1	\$605	Total of two LED boom work lights - Options H5, H8a and H9e
(1) Rear Work Light - Standard	H6	\$455			
(1) Side of Truck / Pump Compartment Work Light	H7	\$455			
Additional Work Light - Boom, Rear, Side / Pump Compartment (Per Pair) Must Match with H5 or H6 or H7	H8a	\$95	1	\$95	
Two Additional Work Light - Boom, Rear, Pump Compartment (Per Pair) Must Match with H5 or H6 or H7	H8b	\$190			
Three Additional Work Light - Boom, Rear, Pump Compartment (Per Pair) Must Match with H5 or H6 or H7	H8c	\$290			
Upgrade to LED Work Lights Add (Per Pair) Must Have H5, H6, H7, and must have option H8 - One Pair	H9d	\$160			
Upgrade to LED Work Lights Add (Per Pair) Must Have H5, H6, H7, and must have option H8 - Two Pair	H9e	\$320	1	\$320	
Upgrade to LED Work Lights Add (Per Pair) Must Have H5, H6, H7, and must have option H8 - Three Pair	H9f	\$480			
Upgrade to HI LED Work Lights Add (Per Pair) Must Have H5, H6, H7, and must have option H8 - One Pair	H9g	\$475			
Upgrade to HI LED Work Lights Add (Per Pair) Must Have H5, H6, H7, and must have option H8 - Two Pair	H9h	\$950			
Upgrade to HI LED Work Lights Add (Per Pair) Must Have H5, H6, H7, and must have option H8 - Three Pair	H9i	\$1,425			
Hand Spot Light w/25' Cord	H10	\$345			
Hand Spot Light w/25' Cord and Retractable Reel	H11	\$425			
Extra Spot Light Plug In	H12	\$160			
Go-Light LED Cordless Rechargeable Work Light - Dual Hi/Low Modes	H38	\$595			
Truck-Lite LED. Stop, Turn, and Tail Lights (cab not included)	H13	\$445	1	\$445	Required
Truck-Lite LED. Running (Marker) Lights (cab not included)	H14	\$905	1	\$905	Required
Upgrade Stop/Tail/Turn Light Box to Polished Stainless Steel	H37	\$610	1	\$610	Required
Traffic Advisor - Straight - LED - 72" Wide	H17	\$3,776			
Traffic Advisor - Arrow Style - LED - 72" Wide	H29	\$7,049			
Traffic Advisor - Straight - LED - 44" Wide	H22	\$2,350	1	\$2,350	
Traffic Advisor - Arrow Style - LED - 44" Wide	H22*	\$3,327			
Traffic Advisor - Rear Arrow Light Box - LED - 30" x 60"	H36	\$4,140			
Whelen ION Super LED Flashers (non-synchronized), 2 on each side front @ 45 degrees, 2 on each side middle @ 45 degrees, 4 on each side rear (1 on side, 1 @ 45 degrees, 2 on rear), total quantity of 16 light heads, all light heads to be mounted with the 4" width horizontal	H15	\$5,000			
Rear LED Flashers (4 single)	H18	\$1,275	1	\$1,275	
Rear LED Flashers (8 single)	H23	\$3,350			
Center LED Flashers (4 single)	H24	\$2,020			
Front LED Flashers (4 single)	H25	\$2,020			
Section I - Storage, Tool Boxes, Enclosure Options					
					Check Qty.
Tool Box - Steel, 30" Wide x 18" Tall x 24" Deep	Std.	Std.			
Two (2) Galvanized Steel Tube Trays Mounted over TANDEM axles / tires - 10 ft. long	Std.	Std.			
Two (2) Galvanized Steel Tube Trays Mounted over TRI axles / tires - 13-1/2 ft. long	I1	\$1,775			
Tool Box - Aluminum, 36" Wide x 18" Tall x 24" Deep	I3a	\$950			
Tool Box - Aluminum, - 72" Wide x 24" High x 28" Deep (consult factory)	I4b	\$2,530			
Tool Box - Aluminum, - 96" Wide x 24" High x 28" Deep (consult factory)	I5b	\$3,005	1	\$3,005	Curb side, three doors, one large box
Tool Box - Aluminum - 24" Wide x 30" High x 50" Deep - In Rack	I5e*	\$2,000			
Upgrade Std. Tool Box 36" Wide x 18" Tall x 24" Deep to Aluminum	I6a	\$450			
Upgrade Std. Tool Box 30" Wide x 24" Tall x 24" Deep to Aluminum	I6c	\$450			
Upgrade Std. Tool Box 36" Wide x 24" Tall x 24" Deep to Aluminum	I6e	\$530	1	\$530	Drive side



GapVax MC Series Combination Jet / Vacuum Machine
Sales Proposal for: Novi, MI
Pricing Effective September 1, 2015
Presented by: MTEch



Ver: 1.0

Date: 10/4/17

Oakland County Contract ID 004011

	Option Number	List Price AVAILABLE	Qty.	List Price SELECTED	Novi	Comments
Tool Box - Aluminum, 36" Wide x 24" Tall x 24" Deep	I7b	\$1,250				
Tool Box - Aluminum, 30" Wide x 24" Tall x 24" Deep	I8b	\$1,125				
Tool Box - Aluminum, 48" Wide x 24" Tall x 24" Deep	I9b	\$1,500				
Traffic Cone Holder	I14	\$185	1	\$185		Drive side
Water Cooler Holder	I15	\$250				
Wheel Chock Holder	I16	\$250				
Nozzle Rack - 6 Nozzles, 1"	I17	\$190	1	\$190		Mount on curb side tool box on side of box
Additional Fill Hose Rack	I19	\$185				
Rear Drain Hose Rack for 6" Layflat hose	I20	\$185	1	\$185		
Upgrade Tube Trays to Polished Stainless Steel	I22	\$3,060				GapVax Note: Includes upgrade to SS if J16 metal mud flaps selected
Section K - Paint Options						
Paint body and boom - White	Std.	Std.				City Red - Both Cab and Back End - Normal frame, boom, etc... Black
Paint frame, blower, silencer, boom base - Black	Std.	Std.				
Body paint code # required if other than white (subject to add'l charge): Base Single Stage No Metallic: Some colors may not apply	Std.	Std.				GapVax Note:
Coat Debris Body with Protective Coating - May Be Required for Extended Warranty on Tank	K20	\$6,000				
Paint body other than white	K10*	\$600	1	\$600		City Red - Both Cab and Back End - Normal frame, boom, etc... Black. Non-contract option.
Paint cab other than white - From chassis factory	K13*	\$600	1	\$600		City Red - Both Cab and Back End - Normal frame, boom, etc... Black. Non-contract option.
Section M - Miscellaneous Options						
25 Feet of Vacuum Tubing:	Std.	Std.				
* 3 each of 8" x 5'	Std.	Std.				
* 1 each of 8" x 5' with fluidizer holes	Std.	Std.				
* 1 each of 8"X5' w/bolt on crown	Std.	Std.				
* Six 8" tube clamps	Std.	Std.				
Two Sewer Cleaning Nozzles	Std.	Std.				
(1) Tiger Tail Hose Guide	Std.	Std.				
Operations and Maintenance Manual	Std.	Std.				
In-Field Training - One Day	Std.	Std.				
Fill Hose 25' x 2 1/2"	M3	\$200	1	\$200		
Adaptor for City Specific Thread	M4*	\$210				
1" Sewer Hose - 2,500 PSI x 600 ft. Plastic	M8b	\$2,075	1	\$2,075		
1" four wire extender	M26	\$120				
Back-up Camera System with Color Monitor - Stand Alone System	M29*	\$1,950	1	\$1,950		
Additional Camera for Camera System Each	M29a	\$800				
In-Field Training - Per Day	M96	\$1,220	3	\$0		No charge per MTEch - Eligible for 0.8 DEQ CEU hours
All Star Nozzle Kit (w/o Warthog) - 1"	N1b	\$2,755	1	\$2,755		
Warthog Nozzle - 1"	N2b	\$1,907				
Warthog Super Centralizer	N2d	\$300				
Warthog Descaling Head	N2e	\$400				
Spider 80 - Chain Cutter - 1 inch	N3	\$2,013				
Spider 250 - Chain Cutter - 1 Inch	N4	\$2,967				
Mechanical Root Cutter - 1 Inch	N5	\$1,165				
Leader Hose 15' x 1"	N7a	\$137	1	\$137		



GapVax MC Series Combination Jet / Vacuum Machine
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Oakland County Contract ID 004011

	Option Number	List Price AVAILABLE		List Price SELECTED		Comments
		Options	Qty.	Novi		
Boat Nozzle - 1"	N9	\$1,536				
Fluke Nozzle - 1"	N10	\$982				
Bulldozer Nozzle - 1"	N11	\$3,821				
LJ 200 Series -1"	N12	\$11,263				
LJ 50 Series -1"	N13	\$3,421				
Penetrator IB - 1/2" to 1"	N14	\$289				
Sled HH	N15	\$1,925				
HH Insert	N15A	\$105				
High Efficiency J	N16	\$2,562				
HEJ Insert	N16A	\$170				
Swiper Nozzle - 1"	N17	\$3,414				
Spinner	N18	\$1,812				
Handi-Clam - 12" bucket	R5	\$461				
Handi-Clam - 16" bucket	R6	\$716				
Basin Shovel	R7	\$265				
Basin Spoon	R8	\$265				
Extend-a-Claw - 8' to 16' / 7' to 15' telescoping	R9	\$366				
Debris Catcher	R11	\$276				
Grit Catcher	R12	\$307				
Vac-Trap	R13	\$318				
Pole - One Section	R14	\$73				
Swage Kit - 1 Inch - Machine, Dies, Pusher	S2	\$1,431				
(1) Tiger Tail Hose Guide - One is standard	T1	\$48				
Tube Handle - 8 Inch - 176-U189	T2	\$159				
Clamp - Debris Tube	T3	\$37	4	\$148		Total of 10
Aluminum Tube - Catch Basin with Crown and Flange - 8" X 72"	T4	\$239	1	\$239		Rubber end crown for Hydro work - only 60"
Aluminum Tube - Intake Tube - With Flanges on Both ends - 8" X 60"	T6	\$196	3	\$588		Total of 40' of tube
Aluminum Tube - Intake Tube - With Flanges on Both ends - 8" X 72"	T7	\$207				
Aluminum Tube - Intake Tube - With Flanges on Both ends - 8" X 84"	T7a	\$227				
Aluminum Tube - Intake Tube - With Flanges on Both ends - 8" X 96"	T7b	\$247				
Aluminum Tube - Intake Tube - With Flanges on Both ends - 8" X 108"	T7c	\$267				
Aluminum Tube - Intake Tube - With Flanges on Both ends - 8" X 120"	T7d	\$287				
Aluminum Tube - Intake Tube - With Flanges on Both ends - 8" X 180"	T8	\$371				
Totals						
Base Unit List Price with Chassis				\$302,619		
Options List Price				\$112,624		
Total List Price				\$415,243		
* ALL PRICES ASSUME NO SALES TAX OR FET						
OC Discount Percent				5%		
OC Discount Dollars - (enter as a negative)				(\$20,762)		
Net Price After Discount				\$394,481		
Less: Trade-In (enter as a negative)				\$0		
Net Price After Discount and Trade-In				\$394,481		

CONTRACT

Dispatch via Print



OAKLAND COUNTY PURCHASING DIVISION

Executive Office Building 41 West
2100 Pontiac Lake Rd.
Lower Level
Waterford MI 48328-0462
Main Phone 248/858-0511
www.oakgov.com/purchasing/

The Safety Company LLC
Bryan Cohen
7401 First Place
Cleveland OH 44146

Contract ID 00000000000000000004011		Page 1 of 2	
Contract Dates 12/20/2013 to 12/31/2018		F.O.B. DEST	Terms NET 0
Buyer Edward Tucker	Phone 248/858-1064	Email tuckere@oakgov.com	
Description: WRC: VAC & CCTV Equip - COOP		Contract Maximum 704,000.00	

Vendor ID 0000017381
Phone: 440/646-0996 Bryan Cohen
Fax: 440/646-9953 bcohen@mtechcompany.com

Tax Exempt ID: 38-6004876

Line #	Item Number	Item/Description	Category Co	Item UOM	Contract Price
1	000000000000033592	Vac Truck Equipment per price lists	70170000	AMT	1.00
2	000000000000033593	CCTV Equipment per price lists	70170000	AMT	1.00
3	000000000000033594	Misc Equipment per price lists	70170000	AMT	1.00

THIS IS A COOPERATIVE PURCHASING BLANKET ORDER.

Inasmuch as no specific quantities are indicated on this contract, there is no commitment involved by Oakland County other than for the payment of goods procured under the conditions of this contract.

Oakland County issues individual Purchase Orders on behalf of County Departments as authorization for items ordered from this contract. The individual Purchase Order numbers are to be used on all Invoices, Bills of Lading, Shipping Documents and all correspondence relating to the Purchase Order.

Itemized invoices must be submitted to the Oakland County Fiscal Services Division, Accounts Payable, 4th Floor, 2100 Pontiac Lake Rd., Waterford, MI 48328, unless otherwise stipulated, for subsequent checking as to price and content. Invoices not itemized may be returned for correction.

This contract is not to be used for the purchase of any equipment and or services not listed herein. Oakland County requires a 30 day written notice of all price changes. Oakland County reserves the right to take advantage of any special pricing programs available from the contract vendor or any other outside vendors offering the said special pricing programs to Oakland County during the term of this contract.

Oakland County reserves the right to cancel this contract if orders are not filled within the time and in accordance with the terms specified.

All shipments must be accompanied by Packing Slips and containers properly marked with requesting Department Name, Address, Contact Person and Purchase Order Number.

The prices indicated on this contract are not subject to change without written notification in advance.

No Charges will be allowed for boxing or packing unless stated on the Contract. Acceptance of this contract includes specifications, process, delivery and conditions included therein. Material is subject to inspection on our property. If rejected we agree to first advise vendor before returning goods. All freight and extra handling charges derived from said rejection shall be borne by the vendor. The acceptance of this contract does not in any way make the County of Oakland a party to any infringement or damage suits. Such suits to be borne by the vendor.

A Materials Safety Data Sheet shall accompany or precede all shipments of materials subject to the Michigan Hazard Communications Standard also known as the "Right to Know Law" and classified as hazardous by Michigan Compiled Laws, Act 154 of the Public Acts of 1974 as amended. All containers shall have approved warning labels in accordance with this law. Copies of all MSDS's are to be sent to the requesting department.

Pursuant to Act 167 of the Public Acts of 1933, the County of Oakland, a Michigan Constitutional Corporation, is exempt from the sales tax provisions of this Act. In addition, the Michigan Department of Treasury has promulgated General and Specific Sales and Use Tax Rules which provide that the County of Oakland is not required to have a sales tax exemption number (R205.79; Rule 29).

FOR REPORTING PURPOSES – COUNTY OF OAKLAND I.D. #38-6004876W.

2013/12/23 AEC
Blanket Contract Finalized

2014/06/19 cmc

Authorized Signature

CONTRACT

Dispatch via Print



OAKLAND COUNTY PURCHASING DIVISION

Executive Office Building 41 West
2100 Pontiac Lake Rd.
Lower Level
Waterford MI 48328-0462
Main Phone 248/858-0511
www.oakgov.com/purchasing/

The Safety Company LLC
Bryan Cohen
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Contract ID 000000000000000000004011		Page 2 of 2	
Contract Dates 12/20/2013 to 12/31/2018		F.O.B. DEST	Terms NET 0
Buyer Edward Tucker	Phone 248/858-1064	Email tuckere@oakgov.com	
Description: WRC: VAC & CCTV Equip - COOP		Contract Maximum 704,000.00	

Vendor ID 0000017381
Phone: 440/646-0996 Bryan Cohen
Fax: 440/646-9953 bcohen@mtechcompany.com

Tax Exempt ID: 38-6004876

Line #	Item Number	Item/Description	Category Co	Item UOM	Contract Price
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System Change A
Add \$420,000.00 to the contract Not to Exceed (NTE) amount. The contract NTE will change from \$4,000.00 to \$424,000.00

2015/09/10 CLA
CO 01
Revised pricing per State of Ohio Contract pricing.

2016/10/06 CMK
CO 02
Extend contract expiration date from 12/31/2016 to 12/31/2018

Add \$280,000.00 to the contract Not to Exceed (NTE) amount. The contract NTE will change from \$424,000.00 to \$704,000.00

Authorized Signature