The Corporation of the Township of Alnwick/Haldimand is requesting prices for a 2018 tandem axle truck to be used for plowing and sanding in the winter months and hauling gravel in the summer. We require a single bid for the complete truck including a plow harness, plow and wing as well as a combination dump/spreader box. We are specifying Viking Cives Equipment. The following specifications lists only the major details of the unit, therefore it is the responsibility of the supplier to deliver a fully equipped vehicle, meeting the requirements of the "Canadian Motor Vehicle Safety Regulations". We request the delivery of the complete unit during the ***month of January 2018***. Please confirm delivery date on your RFP reply. Price for complete unit shall include all applicable taxes.

Please return your sealed bid clearly marked "***2018 Tandem Truck RFP"*** to 10836 County Road #2, PO Box 70, Grafton, Ontario K0K 2G0, Attention: Mr. Troy A. Gilmour, C. Tech, rcji, Public Works Superintendent no later than 12:00 Noon Wednesday, May 3rd, 2017.

BASE CHASSIS
201.00 Wheelbase, 133.90 CA, and 79.00 Axle to Frame. Yes ☐ No ☐

FRAME RAILS
Heat Treated Alloy Steel (120,000 PSI Yield); 10.125" x 3.580" x 0.312"
(257.2mm x 90.0mm x 8.0mm); 480.0" (12192) Maximum OAL Yes ☐ No ☐

FRAME REINFORCEMENT
Outer "C" Channel, Heat Treated Alloy Steel (120,000 PSI Yield); Yes ☐ No ☐
10.813" x 3.892" x 0.312"; (274.6mm x 98.9mm x 8.0mm);
480.0" (12192mm) Maximum OAL

BUMPER, FRONT
Steel, Swept Back Yes ☐ No ☐
Includes:
BUMPER, FRONT Powder Coated Gray (Argent) Colour

WHEELBASE RANGE
183" (465CM) Through and Including 248" (630cm) Yes ☐ No ☐

AXLE, FRONT NON-DRIVING
(Meritor MFS-20-133A) Wide Track, I-Beam Type, 20,000-lb Capacity Yes ☐ No ☐

Notes
The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brakes, Front Air Cam; Wheels; Tires

SHOCK ABSORBERS, FRONT Yes ☐ No ☐

SUSPENSION, FRONT, SPRING
Multileaf, Shackle Type, Single Stage Spring; 20,000-lb Capacity; Yes ☐ No ☐
Less Shock Absorbers
Includes:

- **SPRING PINS** Rubber Bushings, Maintenance Free

BRAKE SYSTEM, AIR
Dual System for Straight Truck Applications Yes ☐ No ☐
Includes:
BRAKE LINES Colour and Size Coded Nylon

- **DRAIN VALVE** Twist-Type
- **DUST SHIELDS, FRONT BRAKE**
- **DUST SHIELDS, REAR BRAKE**
- **GAUGE, AIR PRESSURE (2)** Air 1 and Air 2 Gauges; Located in Instrument Cluster
- **PARKING BRAKE CONTROL** Yellow Knob, Located on Instrument Panel
- **PARKING BRAKE VALVE** For Truck
- **QUICK RELEASE VALVE** Bendix on Rear Axle for Spring Brake Release: 1 for 4x2, 2 for 6x4
- **SLACK ADJUSTERS, FRONT** Automatic
- **SLACK ADJUSTERS, REAR** Automatic
- **SPRING BRAKE MODULATOR VALVE** R-7 for 4x2, SR-7 with relay valve for 6x4

BRAKES, FRONT, AIR CAM
16.5” X 6”, Includes 24 Sqln Long Stroke Brake Chambers Yes ☐ No ☐

TRAILER CONNECTIONS
Four-Wheel, With Hand Control Valve and Tractor Protection Valve, for Straight Truck Yes ☐ No ☐

DRAIN VALVE
(Berg) Manual; with Pull Chain, for Air Tank Yes ☐ No ☐

AIR BRAKE ABS
(Bendix AntiLock Brake System) Full Vehicle Wheel Control System (4-Channel) Yes ☐ No ☐
Description:
AIR DRYER
(Bendix AD-9) With Heater
Includes:

- **AIR DRYER LOCATION** Inside Left Rail, Back of Cab

BRAKE CHAMBERS, FRONT AXLE
(Haldex) 24 Sqin Yes ☐ No ☐

BRAKE CHAMBERS, REAR AXLE
(Haldex GC3030LHDHO) 30/30 Spring Brake Yes ☐ No ☐
Includes:

- **BRAKE CHAMBERS, SPRING** (2) Rear Parking; WITH TRUCK BRAKES: All 4x2, 4x4; WITH TRACTOR BRAKES: All 4x2; 6x4 & 6x6 with Rear Tandem Axles Less Than 46,000-lb or GVWR Less Than 54,000-lb
- **BRAKE CHAMBERS, SPRING** (4) Rear Parking; WITH TRUCK BRAKES: All 6x4, 6x6; WITH TRACTOR BRAKES: All 6x4; 6x6 with Rear Tandem Axles 46,000-lb or Greater or GVWR of 54,000-lb or Greater

BRAKES, REAR, AIR CAM
S-Cam; 16.5” x 7.0”; Includes 30/30 Sq. In. Long Stroke Brake Chamber and Spring Actuated Parking Brake Yes ☐ No ☐

Notes:
The following features should be considered when calculating Rear GAWR; Rear Axles; Rear Suspension; Brake System; Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires

AIR COMPRESSOR
(Bendix) 15.9 CFM Capacity, Single Cylinder Yes ☐ No ☐

AIR TANK LOCATION
(2) Two Mounted Outside Right Rail, Under Cab, On Step Mounting Brackets Yes ☐ No ☐

STEERING COLUMN
Tilting Yes ☐ No ☐

STEERING WHEEL
2-Spoke, 18” Diam., Black Yes ☐ No ☐

STEERING GEAR
(2) (Sheppard M-100/M-80) Dual Power Yes ☐ No ☐

EXHAUST SYSTEM
Single, Horizontal, After treatment Device Frame Mounted Outside Right Rail Under Cab; Includes Vertical Tail Pipe and Guard Yes ☐ No ☐
Includes

- **EXHAUST HEIGHT** 10’ Exhaust Height – Based on Empty Chassis with Standard Components (+ or – 1” Height)
- **MUFFLER/TAIL PIPE GUARD** Non-Bright Finish

ENGINE COMPRESSION BRAKE
3 Stage by Jacobs; With Selector Switch and On/Off Switch Yes ☐ No ☐

TAIL PIPE
(1) Turnback Type, Bright, for Single Exhaust Yes ☐ No ☐

MUFFLER/TAIL PIPE GUARD
(1) Bright Stainless Steel Yes ☐ No ☐

EXHAUST HEIGHT
10’ 11” Yes ☐ No ☐

SWITCH, FOR EXHAUST 2 Position, Lighted & Latching, ON/OFF Type, Mounted in IP, Inhibits Diesel Particulate Filter Regeneration as Long as Switch is in ON Position Yes ☐ No ☐

ELECTRICAL SYSTEM
12-Volt, Standard Equipment Yes ☐ No ☐

Includes:

- **BATTERY BOX** Steel with Plastic Lid
- **DATA LINK CONNECTOR** For Vehicle Programming and Diagnostics In Cab
- **FUSES, ELECTRICAL SAE** Blade-Type
- **HAZARD SWITCH** Push On/Push Off, Located on Top of Steering Column Cover

Description:

- **HEADLIGHT DIMMER SWITCH** Integral with Turn Signal Lever
- **HEADLIGHTS (2)** Sealed Beam, Round, with Chrome Plated Bezels
- **HORN, ELECTRIC** Single
- **JUMP START STUD** Located on Positive Terminal of Outermost Battery
- **PARKING LIGHT** Integral with Front Turn Signal and Rear Tail Light
- **RUNNING LIGHT (2)** Daytime, Included With Headlights
- **STARTER SWITCH** Electric, Key Operated
- **STOP, TURN, TAIL & B/U LIGHTS** Dual, Rear, Combination with Reflector
- **TURN SIGNAL SWITCH** Self-Cancelling for Trucks, Manual Cancelling for Tractors, with Lane Change Feature
- **TURN SIGNALS, FRONT** Includes Reflectors and Auxiliary Side Turn Signals, Solid State Flashers; Flush Mounted
- **WINDSHIELD WIPER SWITCH** 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever
- **WINDSHIELD WIPERS** Single Motor, Electric, Cowl Mounted
- **WIRING, CHASSIS** Colour Coded and Continuously Numbered

CIGAR LIGHTER Yes ☐ No ☐

SNOW SHIELD (2)
Chrome; for Dual Air Horns Yes ☐ No ☐

BATTERY TERMINALS
Sealed Yes ☐ No ☐

ALTERNATOR
(Bosch LH160) Brush Type, 12 Volt 160 Amp. Capacity, Pad Mount Yes ☐ No ☐

BODY BUILDER WIRING INSIDE CAB;
Includes Sealed Connectors for Tail/Amber, Turn/Marker/Backup/ Accessory, Power/Ground, and Stop/Turn Yes ☐ No ☐

BATTERY SYSTEM
Maintenance-Free, (3) 12-Volt 3000 CCA Total Yes ☐ No ☐

2-WAY RADIO
Wiring Effects; Wiring With 20 Amp Fuse Protection, Includes Ignition Wire With 5 Amp Fuse, Wire Ends Heat Shrink and Routed to Centre of Header Console in Cab Yes ☐ No ☐

RADIO
AM/FM Stereo With Weatherband, Clock, Auxiliary Input, Includes Multiple Speakers Yes ☐ No ☐
Includes:

- **SPEAKERS IN CAB** (2) Dual-Cone with Deluxe Interior
- **SPEAKERS IN CAB** (4) Coaxial with Premium Interior

BACK-UP ALARM
Electric, 102 dBA Yes ☐ No ☐

AUXILIARY HARNESS
3.0’ FOR Auxiliary Front Head Lights and Turn Signals for Front Plow Applications Yes ☐ No ☐

STOP, TURN, TAIL & B/U LIGHTS
(Truck Lite) Super 44, With LED Bulbs for Stop, Turn & Tail Lights and Truck Lite Super 40 for Backup lights. With Power Module, Termination and Less Junction Box Yes ☐ No ☐

TRAILER CONNECTION SOCKET
7-Way; Mounted at rear of Frame, Wired for Turn Signals Combined with Stop, Compatible With Trailers That Use Combined Stop, Tail, Turn Lamps Yes ☐ No ☐

SWITCH, BODY CIRCUITS, MID
for Bodybuilder, 6 Momentary Switches in Instrument Pane; One Power Module with 6 Channels, 20 Amp Max. Per Channel, 80 Amp Max Output, Switches Control Power Module Through Multiplex Wiring, Mounted in Cab Behind Driver Seat Yes ☐ No ☐

BATTERY BOX
Steel, With Aluminum Cover, 3 Battery Capacity, Mounted Right Side Under Cab Below Frame Mounted Exhaust, Provides Clean CA Yes ☐ No ☐

WINDSHIELD WIPER SPD CONTROL
Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time Yes ☐ No ☐

BATTERY DISCONNECT SWITCH
(Joseph Pollak) for Cab Power Disconnect Switch; Lever Operated, Disconnects Power to PDC, Does Not Disconnect Charging Circuits, Cab Mounted Yes ☐ No ☐

TURN SIGNALS, FRONT
Dual Face, Amber/Amber, Mounted on Top of Fender, Used With Standard Flush Mounted Front Turn Signal, Side Marker Lamps, Parking Lights and Reflectors Yes ☐ No ☐
Description:
HEADLIGHTS Long Life Halogen; for Two Light System

TEST EXTERIOR LIGHTS
Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights Yes ☐ No ☐

HORN, AIR
(2) Single Tone, Rectangular; Chrome Yes ☐ No ☐

STARTING MOTOR
12-Volt, with Soft-Start Yes ☐ No ☐

CIRCUIT BREAKERS
Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses Except For 5-Amp Fuses Yes ☐ No ☐

FENDER EXTENSIONS
Rubber Yes ☐ No ☐

HOOD, HATCH
(01) for Servicing Yes ☐ No ☐

INSULATION, UNDER HOOD
For Sound Abatement Yes ☐ No ☐

GRILLE
Stationary Chrome Yes ☐ No ☐

INSULATION, SPLASH PANELS
for Sound Abatement Yes ☐ No ☐

BUG SCREEN
Front End; Mounted Behind Grille Yes ☐ No ☐

FRONT END
Tilting, Fiberglass, With Three Piece Construction Includes Long Hood Yes ☐ No ☐

PAINT SCHEMATIC,
PT-1 Single Colour, Design 100 Yes ☐ No ☐
Includes:

- **PAINT SCHEMATIC ID LETTERS "GS"**

PAINT IDENTITY, PT-2
Single Colour, Instruction No. 936. Frame/Running Gear, Less Fuel Tanks Yes ☐ No ☐
Includes:

- **NOTE**: Battery Box, Air Tanks, Fuel Tanks, Steps and Straps NOT Painted

PAINT TYPE
Base Coat/Clear Coat, 1-2 Tone Yes ☐ No ☐

CLUTCH
(Eaton Fuller Easy-Pedal Advantage) Manual Adjust, Two-Plate, Yes ☐ No ☐
Cast Angle Spring; Ceramic, 15.5" Diameter, Soft Clutch 7-Spring Damper,
Mechanical Pull-Type Control, 1450 lb-ft Torque Capacity
Includes:

- **CLUTCH RELEASE BEARING** Greasable

PTO EFFECTS, ENGINE FRONT,
Less PTO Unit, Includes Adapter Plate on Engine Front Mounted Yes ☐ No ☐

BLOCK HEATER, ENGINE
(Phillips) 120 Volt/1500 Watt Yes ☐ No ☐
Includes:

- **BLOCK HEATER SOCKET** Receptacle Type; Mounted below Drivers Door

ENGINE, DIESEL,
370 HP Minimum @ 1700 RPM, 1350 lb-ft Torque @ 1000 RPM, 2100 RPM Governed Speed of 110 Km Yes ☐ No ☐

Includes:

- **AIR COMPRESSOR AIR SUPPLY LINE** Naturally-Aspirated (Air Brake Chassis Only)
- **ANTI-FREEZE** Extended Life Coolant; -40 Degrees F/ -40 Degrees C
- **COLD STARTING EQUIPMENT** Automatic; With Engine ECM Control
- **CRUISE CONTROL** Electronic; Controls Integral to Steering Wheel
- **ENGINE BLOCK** Compacted Graphite Iron
- **ENGINE SHUTDOWN** Electric, Key Operated

Description

- **FUEL FILTER** Top Access, Cartridge Type Filter Element; Engine Mounted
- **FUEL SYSTEM** High Pressure Common Rail
- **GOVERNOR** Electronic
- **HEAT MANAGEMENT SYSTEM** Eco-Therm
- **OIL FILTER, ENGINE** Drop-In Cartridge Type
- **OIL PAN** Laminate Steel Composite
- **TURBO** Twin Series
- **WET TYPE CYLINDER SLEEVES**

FAN DRIVE (Horton Drivemaster) Direct Drive Type, Two Speed With Residual Torque Device for Disengaged Fan Speed Yes ☐ No ☐

Includes:

- **FAN** Nylon

RADIATOR
Aluminum; Welded, Front to Back CrossFlow System, 1593 Sqln, 1929 Dual CAC, 1548 Sqln 3 Core LTR Yes ☐ No ☐

Includes:

- **DEAERATION SYSTEM** with Clear Fill/Surge Tank
- **HOSE CLAMPS, RADIATOR HOSES** Gates Shrink Band Type; Thermoplastic Coolant Hose Clamps
- **RADIATOR HOSES** Premium, Rubber

FEDERAL EMISSIONS
2015 Engines Yes ☐ No ☐

AIR CLEANER
Dual Element, with Integral Snow Valve and In-Cab Control Yes ☐ No ☐
Includes:
- **GAUGE, AIR CLEANER RESTRICTION** Air Cleaner Mounted

ACCESSORY WIRING, SPECIAL
for Road Speed Wire Coiled Under Instrument Panel for Customer Use Yes ☐ No ☐

COLD STARTING EQUIPMENT
Automatic; With Engine ECM Control Yes ☐ No ☐
FAN DRIVE SPECIAL EFFECTS
Fan Cooling Ring with Fan Shroud Effects, Engine Mounted Yes ☐ No ☐

COOLANT FILTER
Engines Yes ☐ No ☐

OPTION A – TRANSMISSION MANUAL
(Fuller RTO(F)-14908LL) 8-Speed Manual Lo / Lo. Yes ☐ No ☐

OPTION B – ALLISON WORLD 6 SPEED AUTOMATIC
Push Button Yes ☐ No ☐
Includes:
- **CLUTCH BRAKE** Torque Limiting
- **FILL PLUG, MAGNETIC**

OIL COOLER, MANUAL TRANSMISSION
Air to Oil Type For Fuller, Meritor or Spicer Transmission, Mounted on Radiator, (REQUIRES TRANSMISSION LUBE PUMP) Yes ☐ No ☐

TRANSMISSION LUBE PUMP
for Fuller, Meritor or Spicer Transmissions; USE ONLY WHEN PUMP IS NOT INCLUDED STANDARD IN TRANSMISSION Yes ☐ No ☐

TRANSMISSION OIL
(EmGard 50W) Synthetic; 22 thru 33.99 Pints Yes ☐ No ☐

AXLE, REAR, TANDEM
(Meritor MT-40-14X-4DCR-P) Single Reduction, 0.433`(11mm) Wall Housing Thickness, 40,000-lb Capacity, R Wheel Ends, Lube Pump, With Driver Controlled Locking Differential in Forward Rear and Rear Rear Axle. Gear Ratio: 4.88 Yes ☐ No ☐

Includes:

- **POWER DIVIDER LOCK** Electric over Air Operated, Cab Control with Indicator Light
- **REAR AXLE DRAIN PLUG** (2) Magnetic, For Tandem Rear Axle

Description:

- **SUSPENSION, REAR, TANDEM** (Hendrickson HMX-460-60) Walking Beam Type 60`` Axle Spacing; 46,000-lb Capacity, With Rubber End Bushings, Transverse Torque Rods, Less Shock Absorbers

Includes:

- **CROSSMEMBER, SUSPENSION** Stamped Steel Double Dogbone

SUSPENSION/REAR-AXLE IDENTITY
Meritor Tandem Rear Axles With Bar-Pine Beam Attachement Type Suspensions Yes ☐ No ☐

SHOCK ABSORBERS, REAR
(4) for Hendrickson HMX Suspension Only, Mounted from Frame to Beam Yes ☐ No ☐

FUEL/WATER SEPARATOR
(Davco Fuel Pro 382) with Fuel Heated Fuel Heater, Thermostatic Fuel Temperature Control, Mounted in Standard Position, Includes Water-In-Fuel Light Yes ☐ No ☐

FUEL TANK Top Draw; D Style, Non Polished Aluminum, 100 U.S. Gal., 378.5 L Capacity, 23.0" Tank Depth, Mounted Left Side Under Cab.

CAB
Conventional Yes ☐ No ☐

Includes:

- **ARM REST** (2) Molded Plastic; One Each Door
- **CLEARANCE/MARKER LIGHTS** (5) Flush Mounted
- **COAT HOOK, CAB** Located on Rear Wall, Centered Above Rear Window
- **CUP HOLDERS** Two Cup Holders, Located in Lower Centre of Instrument Panel
- **DOME LIGHT, CAB** Rectangular, Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Console, Center Mounted
- **GLASS, ALL WINDOWS** tinted
- **GRAB HANDEL, CAB INTERIOR** (1) "A" Pillar Mounted, Passenger Side
- **GRAB HANDLE, CAB INTERIOR** (2) Front of "B" Pillar Mounted, One Each Side
- **INTERIOR SHEET METAL** Upper Door (Above Window Ledge) Painted Exterior Color
- **STEP** (4) Two Steps Per Door

GAUGE CLUSTER
English With Metric Electronic Speedometer Yes ☐ No ☐
Includes:

- **GAUGE CLUSTER** (6) Engine Oil Pressure (Electronic), Water Temperature (Electronic), Fuel (Electronic), Tachometer (Electronic), Voltmeter, Washer Fluid Level
- **ODOMETER DISPLAY,** Miles, Trip Miles, Engine Hours, Trip Hours, Fault Code Readout
- **WARNING SYSTEM** Low Fuel, Low Oil Pressure, High Engine Coolant Temp, and Low Battery Voltage (Visual and Audible)

GAUGE, AIR CLEANER RESTRICTION
(Filter-Minder) With Black Bezel Mounted in Instrument Panel Yes ☐ No ☐

IP CLUSTER DISPLAY
On Board Diagnostics Display of Fault Codes in Gauge Cluster Yes ☐ No ☐

SEAT, DRIVER
(National 2000) Air Suspension, High Back With Integral Headrest, Cloth, Isolator, 1 Chamber Lumbar, 2 Position Front Cushion Adjust, -3 to +14 Degree Back Angle Adjust Yes ☐ No ☐
Includes:

- **SEAT BELT** 3-Point, Lap and Shoulder Belt Type

SEAT, PASSENGER
(Gra-Mag) Non Suspension, High Back With Integral Headrest, Cloth, With Fixed Back, With Under Seat Storage Yes ☐ No ☐
Includes:

- **SEAT BELT** 3-Point, Lap and Shoulder Belt Type

Description:
MIRRORS (2) (Lang Mekra) Styled; Rectangular, 7.09” x 15.75” & Integral Convex Both Sides, 102” Inside Spacing, Breakaway Type, Heated Heats Thermostatic Controlled, Clearance Lights LED, Bright Heads and Brackets

GRAB HANDEL
Chrome; Towel Bar Type With Anti-Slip Rubber Inserts; for Cab Entry Mounted Left Side Only at “B” Pillar Yes ☐ No ☐

ARM REST, RIGHT, DRIVER SEAT Yes ☐ No ☐

AIR CONDITIONER
(Blend-Air) With Integral Heater & Defroster Yes ☐ No ☐
Includes:

- **HEATER HOSES** Premium
- **HOSE CLAMPS, HEATER HOSE** Mubea Constant Tension Clamps
- **REFRIGERANT** Hydrofluorocarbon HFC-134A

INSTRUMENT PANEL
Centre Section, Flat Panel Yes ☐ No ☐

WINDOW, POWER
(2) And Power Door Locks, Left and Right Doors, Includes Express Down Feature Yes ☐ No ☐

HVAC FRESH AIR FILTER Yes ☐ No ☐

FREST AIR FILTER
Attached to Air Intake Cover on Cowl Tray in front of Windshield Under Hood Yes ☐ No ☐

CAB INTERIOR TRIM
Premium Yes ☐ No ☐
Includes:

- **"A" PILLAR COVER** Molded Plastic
- **CAB INTERIOR TRIM PANELS** Cloth Covered Molded Plastic, Full Height; All Exposed Interior Sheet Metal is Covered Except for the Following: with a Two-Man Passenger Seat or with a Full Bench Seat the Back Panel is Completely Void of Covering
- **CAB SOUND INSULATION** Includes Dash Insulator and Engine Cover Insulator, Premium Floormat, and Sound Dampening Patches
- **CAB, INTERIOR TRIM, CLOSEOUT** Lower Dash Closeout Panel; Molded Plastic, Under Instrument Panel Driver Side
- **CONSOLE, OVERHEAD** Molded Plastic; With Dual Storage Pockets with Retainer Nets, CB Radio Pocket, Speakers, and Reading Lights
- **COURTESY LIGHT** (2) Mounted in Front Map Pocket Left and Right Side
- **DOOR TRIM PANELS** with Cloth Insert on Bolster Driver and Passenger Doors
- **FLOOR COVERING** Rubber, Black
- **GAUGE, TEMPERATURE, AMBIENT** Includes Compass Readout and Wiring and Sensor With Display Unit Mounted in Cluster
- **HEADLINER** Soft Padded Cloth
- **INSTRUMENT PANEL TRIM** Molded Plastic with Black Centre Section
- **STORAGE POCKET, DOOR** (2) Molded Plastic (Carpet Texture), Full-Length; Driver and Passenger Doors
- **SUN VISOR** (3) Padded Vinyl: 2 Moveable (Front-to-Side) Primary Visors, Driver Side with Vanity Mirror and Toll Ticket Strap, plus 1 Auxiliary Visor (Front Only), Driver Side

CAB REAR SUSPENSION
Air Bag Type Yes ☐ No ☐

SUNSHADE, EXTERIOR
Aerodynamic, Painted Roof Colour; Includes Integral Clearance/Marker Lights Yes ☐ No ☐

WINDSHIELD WIPER BLADES
Snow Type Yes ☐ No ☐

WHEELS, FRONT DISC;
22.5" Painted Steel, 10-Stud (285.75 MM BC) Hub Piloted, 5 Hand Hole, Yes ☐ No ☐
Flanged Nut, Metric Mount, 12.25 DC Rims; With Steel Hubs, with 5.375" Offset
Includes:

- **PAINT IDENTITY, FRONT WHEELS** White

Description:
WHEELS, REAR DUAL, DISC; 22.5" Painted Steel, 5 Hand Hole, 10-Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 8.25 DC Rims; With .472" Thick Increased Capacity Disc and Steel Hubs

Includes:

- **PAINT IDENTITY, REAR WHEELS** White

PAINT IDENTITY, FRONT WHEELS
(Accuride) Disc Front Wheels; With Vendor Applied (PKWHT21) Yes ☐ No ☐
White Powder Coat Paint

PAINT IDENTITY, REAR WHEELS
(Accuride) Disc Rear Wheels; With Vendor Applied (PKWHT21) Yes ☐ No ☐
White Powder Coat Paint

(8) TIRE, REAR
11R22.5 XDE M/S (MICHELIN) 497 Rev/mile, load range H, 16 ply Yes ☐ No ☐

(2) TIRE, FRONT
425/65R22.5 XZY-3 (MICHELIN) 465 rev/mile, load range L, 20 ply Yes ☐ No ☐

VIKING CIVES PLOW EQUIPMENT
Viking VCL500T Tilt Front Harness, VCL350SCL Rear Wing Tower, Yes ☐ No ☐
Dowty Tandem "dry mode pump", Viking Proline 1415HWHT All Season
Dump Spreader Body, High Tensile Steel, FORCE AMERICA SSC1100
Spreader Controls, PH200 Pintle hook with glad hands, Aluminum Full Fenders
that raise with body, VCL135HSE9 One way front plow, VCL144WHD 12' Snow
wing with steel blades. Quick detach Aluminum Full Fenders that raise with Dump Body

AIR CONDITIONING TAX	Yes ☐	No ☐
FIRST AID, Triangle Kit	Yes ☐	No ☐
FLOOR MATS (4000 series)	Yes ☐	No ☐
ONTARIO TIRE TAX (10) Tires	Yes ☐	No ☐
SERVICE MANUAL "CD ROM"	Yes ☐	No ☐
5-LB FIRE EXTINGUISHER & FIRST AID KIT	Yes ☐	No ☐
YELLOW SAFETY STICKER to be installed	Yes ☐	No ☐
WARRANTY Five Year Bumper to Bumper included in Price. Coverage on Cab and Chassis. Lump Sum for a Components. Plow, etc. not included.	Yes ☐	No ☐
1 SET of on Spots Chains	Yes ☐	No ☐
1 SET Rear Mounted Upper Red's	Yes ☐	No ☐

Snow Plow and Sanding Equipment

One new Viking **VCL500T** hydraulic power tilt plow and wing harness c/w standard front post, **VCL350SC** "open style" rear wing tower, Dowty tandem dry mode pump, rubber helper spring kit, MTO cross-member, 10" convex mirror on front post, two separate STAR 200A strobes with blue and amber lens, "quick tack" pockets and pins, 35.0 U.S. gallon oil reservoir, halogen headlamps with integral turn signals, wing light, low hydraulic oil alarm system with buzzer and dash mounted light, quick couplers on hydraulic lines for easy removal of front & rear towers, installed and painted black.

One new Viking Proline **PL1415HWHT** all season dump/spreader **(Hardox "450" hi-tensile steel)** body c/w air operated tarp system, oval air operated tailgate, mud flaps, **Force America SSC2100** electronic spreader control system, chassis mounted cross conveyor, centre conveyor w/steel cover, screw adjustable flow control gate, poly spinner, L.H. poly lined chute, spinner light, blue and amber flashing rear lights, vapor proof running lights, raised rear light arrangement built into rear corner posts of body, L.H. ladder, Holland PH30 (30,000 lb. Capacity) pintle hitch, complete installation and painted yellow to match truck cab.

One new Viking **VCL135HSE9** Snow plow including push including push frame, quick tack swivel, rubber deflector strip, standard blade and 36" fluorescent marker, and painted black.

One new Viking **VCL144WHD** 12" snow wing c/w standard edge, single shoe, upper and lower trip arms & pivot blocks 36" fluorescent marker and painted black.

The Township of Alnwick/Haldimand reserves the right to reject any or all bids received. The awarding of this bid is subject to the approval of the Alnwick/Haldimand Township Council.

Sincerely,

Troy A. Gilmour, C. Tech, rcji
Public Works Superintendent
Township of Alnwick/Haldimand

TAG/dn