



CITY of NOVI CITY COUNCIL

**Agenda Item 4
August 29, 2016**

SUBJECT: Approval to purchase a new International 7600 Set Back Axle 6X4 Tandem Axle Truck Cab and Chassis from Tri-County International Inc. using the State of Michigan MiDeal cooperative purchasing contract, in the amount of \$119,775.20.

SUBMITTING DEPARTMENT: Department of Public Services – Field Operations Division *MWD* *R74*

CITY MANAGER APPROVAL: *AS*

EXPENDITURE REQUIRED	\$119,775.20
AMOUNT BUDGETED	\$240,000
APPROPRIATION REQUIRED	N/A
LINE ITEM NUMBER	101-442.20-984.006

BACKGROUND INFORMATION:

The approved FY16/17 budget includes the procurement of a tandem axle dump truck and swap loader system with dump body, v-box and liquid tank attachments. This equipment will replace truck #699, a 2000 model year tandem axle dump truck that is in poor condition.

Large dump trucks routinely provide snow removal services in the winter months, but are less active in summer season because of their equipment limitations. When a new truck is outfitted with a swap loader system, it has the ability to quickly attach to and switch between multiple specialized attachments to perform work that would normally require more than one truck or piece of equipment.

The cab and chassis for this truck is proposed to be procured separately using the Michigan MiDeal cooperative purchasing contract. The contract allows the City to take advantage of 2017 year end model pricing incentives. A City team will then work directly with up-fitting experts under a separate contract to order, build and install specialized equipment (swap loader system, dump box, v-box salt spreader, liquid tank, computers and cameras). The up-fitting contract will be brought to City Council in October.

The truck cab and chassis is anticipated to arrive within 180 days of order.

RECOMMENDED ACTION: Approval to purchase a new International 7600 Set Back Axle 6X4 Tandem Axle Truck Cab and Chassis from Tri-County International Inc. using the State of Michigan MiDeal cooperative purchasing contract, in the amount of \$119,775.20.

	1	2	Y	N
Mayor Gatt				
Mayor Pro Tem Staudt				
Council Member Burke				
Council Member Casey				

	1	2	Y	N
Council Member Markham				
Council Member Mutch				
Council Member Wrobel				

2017 7600 Set Back Axle (SBA) 6X4 Truck Chassis



Prepared For:

City of Novi
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 Reference ID: Novi Swaploader

Presented By:

TRI COUNTY INTL TRUCKS
 Mark J Caracciolo
 5701 WYOMING St.
 DEARBORN MI 48126 -
 (313)584-7090

State of MI-MiDEAL Specification 3958-0172D for City of Novi T/A Swaploader. Spec is the same re-quote being offered to Genesee County Road Commission. Note: Preliminary Specification Only- NOT FOR ORDER !!!



Model Profile

2017 7600 SBA 6X4 2010 (SF667)

APPLICATION:	Construction Dump
MISSION:	Requested GVWR: 58000. Calc. GVWR: 0 Calc. Start / Grade Ability: 36.04% / 2.92% @ 55 MPH Calc. Geared Speed: 70.9 MPH
DIMENSION:	Wheelbase: 205.00, CA: 137.90, Axle to Frame: 75.00
ENGINE, DIESEL:	{Navistar N13} EPA 2010, SCR, 430 HP @ 1700 RPM, 1550 lb-ft Torque @ 1000 RPM, 2100 RPM Governed Speed, 430 Peak HP (Max)
TRANSMISSION, AUTOMATIC:	{Allison 4500_RDS_P} 5th Generation Controls; Wide Ratio, 6-Speed, With Double Overdrive; On/Off Hwy; Includes Oil Level Sensor, With PTO Provision, Less Retarder
CLUTCH:	Omit Item (Clutch & Control)
AXLE, FRONT NON-DRIVING:	{Meritor MFS-20-133A} Wide Track, I-Beam Type, 20,000-lb Capacity
AXLE, REAR, TANDEM:	{Meritor RT-46-164EH} Single Reduction, Standard Width, 46,000-lb Capacity, With Driver Controlled Locking Differential in Forward-Rear and Rear-Rear Axle, 200 Wheel Ends Gear Ratio: 5.38
CAB:	Conventional
TIRE, FRONT:	(2) 385/65R22.5 G296 MSA (GOODYEAR) 488 rev/mile, load range J, 18 ply
TIRE, REAR:	(8) 11R22.5 G177 (GOODYEAR-SPECIAL TIRES) 493 rev/mile, load range H, 16 ply
SUSPENSION, REAR, AIR, TANDEM:	{Hendrickson PRIMAAAX EX} 55" Axle Spacing; 46,000-lb Capacity, 9.0" Ride Height, With Shock Absorbers Mounted in Standard Location
:	
PAINT:	Cab schematic 100GS Location 1: 2303, Red (Std) Chassis schematic N/A

<u>Code</u>	<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
SF66700	Base Chassis, Model 7600 SBA 6X4 2010 with 205.00 Wheelbase, 137.90 CA, and 75.00 Axle to Frame.	8748/6547	15295
1570	TOW HOOK, FRONT (2) Frame Mounted	8/0	8
1CAJ	FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.866" x 3.622" x 0.433" (276.0mm x 92.0mm x 11.1mm); 456.0" (11582mm) Maximum OAL	256/442	698
1LLK	BUMPER, FRONT Omit Item	-90/14	-76
1WDS	FRAME EXTENSION, FRONT Integral; 20" In Front of Grille	136/-31	105
1WDU	CROSSMEMBER, FRONT for Hydraulic Pump, Mounting Flange to Accommodate Pump	42/3	45
1WHP	WHEELBASE RANGE 183" (465cm) Through and Including 248" (630cm)	0/0	0
2ARY	AXLE, FRONT NON-DRIVING {Meritor MFS-20-133A} Wide Track, I-Beam Type, 20,000-lb Capacity	141/0	141
	<u>Notes</u> : The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.		
3AGA	SUSPENSION, FRONT, SPRING Parabolic, Taper Leaf; 20,000-lb Capacity; With Shock Absorbers	73/0	73
	<u>Includes</u> : SPRING PINS Rubber Bushings, Maintenance-Free		
	<u>Notes</u> : The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.		
4091	BRAKE SYSTEM, AIR Dual System for Straight Truck Applications	0/0	0
	<u>Includes</u> : BRAKE LINES Color and Size Coded Nylon : DRAIN VALVE Twist-Type : 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 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		
	<u>Notes</u> : Rear Axle is Limited to 46,000-lb GAWR with Code 04091 BRAKE SYSTEM, AIR and Standard Rear Air Cam Brakes Regardless of Axle /Suspension Ordered.		
4193	BRAKES, FRONT, AIR CAM 16.5" x 6", Includes 24 SqIn Long Stroke Brake Chambers	0/0	0
	<u>Notes</u> : The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.		
4619	TRAILER CONNECTIONS Four-Wheel, With Hand Control Valve and Tractor Protection Valve, for Straight Truck	2/0	2

<u>Code</u>	<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
4732	DRAIN VALVE {Berg} Manual; With Pull Chain, for Air Tank	0/0	0
4AZA	AIR BRAKE ABS {Bendix AntiLock Brake System} Full Vehicle Wheel Control System (4-Channel)	0/0	0
4EBD	AIR DRYER {Meritor Wabco System Saver 1200} with Heater <u>Includes</u> : AIR DRYER LOCATION Inside Left Rail, Back of Cab	12/6	18
4EXU	BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/30 Spring Brake	0/0	0
4EXV	BRAKE CHAMBERS, FRONT AXLE {Bendix} 24 SqIn	0/0	0
4NDB	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 <u>Notes</u> : 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.	0/0	0
4SPM	AIR COMPRESSOR {Bendix BA-921 Head Unload} 15.9 CFM Capacity, Single Cylinder	0/0	0
4VHT	AIR DRYER LOCATION Mounted to Outside Left Rail on Fuel Water Separator Bracket	46/24	70
4VHZ	AIR TANK LOCATION (2) Mounted Under Cab, Outside Left Rail, on Step Bracket, with Ground Clearance	0/0	0
4WBX	DUST SHIELDS, FRONT BRAKE for Air Brakes	4/0	4
4WCC	BRAKE PACKAGE, FRONT {Dana Spicer ES-165-6} Air, Cam Type, Extended Service; Size 16.5" x 6", Includes Automatic Slack Adjusters	0/0	0
4WCD	BRAKE PACKAGE, REAR {Dana Spicer ES-165-7} Air, Cam Type, Extended Service; Size 16.5" x 7", Includes Automatic Slack Adjusters	0/0	0
5710	STEERING COLUMN Tilting and Telescoping	10/0	10
5CAL	STEERING WHEEL 2-Spoke, 18" Dia., Black	0/0	0
5PTB	STEERING GEAR (2) {Sheppard M100/M80} Dual Power	123/-4	119
7BKE	EXHAUST SYSTEM Switchback Horizontal Aftertreatment Device, Frame Mounted Right Side Under Cab; Includes Single Vertical Tail Pipe, Frame Mounted Right Side Back of Cab, for Improved Ground Clearance	407/192	599
7WAZ	TAIL PIPE (1) Turnback Type, Non-Bright, for Single Exhaust	0/0	0
7WBS	MUFFLER/TAIL PIPE GUARD (1) Bright Stainless Steel	0/0	0
7WZX	SWITCH, FOR EXHAUST 3 Position, Momentary, Lighted Momentary, ON/CANCEL, Center Stable, INHIBIT REGEN, Mounted in IP Inhibits Diesel Particulate Filter Regeneration When Switch is Moved to ON While Engine is Running, Resets When Ignition is Turned OFF	2/0	2
8000	ELECTRICAL SYSTEM 12-Volt, Standard Equipment <u>Includes</u> : 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 : HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever	0/0	0

<u>Code</u>	<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
	: HEADLIGHTS (2) Sealed Beam, Round, with Chrome Plated Bezels : JUMP START STUD Located on Positive Terminal of Outermost Battery : PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light : 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 : 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 Color Coded and Continuously Numbered		
8541	HORN, ELECTRIC (2) Disc Style	0/0	0
8695	SNOW SHIELD (2) Chrome; for Dual Air Horns	2/0	2
8718	POWER SOURCE Cigar Type Receptacle without Plug and Cord	1/0	1
8GHG	ALTERNATOR {Bosch LIL165 Long Life} Brush Type, 12 Volt 165 Amp. Capacity, Pad Mount, with Remote Voltage Sensor	-3/0	-3
8HAE	BODY BUILDER WIRING Rear of Frame; Includes Sealed Connectors for Tail/ Amber Turn/Marker/ Backup/Accessory Power/Ground and Sealed Connector for Stop/Turn	0/3	3
8HAH	ELECTRIC TRAILER BRAKE/LIGHTS Accommodation Package to Rear of Frame; for Combined Trailer Stop, Tail, Turn, Marker Light Circuits; Includes Electric Trailer Brake Accommodation Package With Cab Connections for Mounting Customer Installed Electric Brake Unit, Less Trailer Socket	0/2	2
8MKX	BATTERY SYSTEM {International} Maintenance-Free (3) 12-Volt 2775CCA Total	14/8	22
8RKB	RADIO {Panasonic CQ120} AM/FM, Includes Multiple Speakers, Includes Auxiliary Input	2/0	2
	<u>Includes</u> : SPEAKERS IN CAB (2) Dual-Cone with Deluxe Interior : SPEAKERS IN CAB (4) Coaxial with Premium Interior		
8RLZ	BATTERY DISCONNECT SWITCH {Cole-Hersee 75920-06} 300 Amp; Battery Box Mounted, Disconnects Cab Power, Does Not Disconnect Charging Circuits, Locks with Padlock	0/0	0
8THB	BACK-UP ALARM Electric, 102 dBA	0/3	3
8THJ	AUXILIARY HARNESS 3.0' for Auxiliary Front Head Lights and Turn Signals for Front Plow Applications	2/0	2
8TKK	TRAILER AUXILIARY FEED CIRCUIT for Electric Trailer Brake Accommodation/Air Trailer ABS; With 30 Amp Fuse and Relay, Controlled by Ignition Switch	1/0	1
8VUJ	BATTERY BOX Steel With Plastic Cover, 18" Wide, 2, 3, or 4 Battery Capacity, Mounted Right Side Back of Cab	0/0	0
8VZR	SWITCH, BODY CIRCUITS, MID for Bodybuilder, 6 Momentary Switches in Instrument Panel; 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	1/0	1
8WBW	JUMP START STUD Remote Mounted	2/0	2
	<u>Includes</u> : JUMP START STUD Mounted to Battery Box		

<u>Code</u>	<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
8WCK	POWER SOURCE, TERMINAL TYPE 2-Post	1/0	1
8WGL	WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time	0/0	0
8WML	HEADLIGHTS Long Life Halogen; for Two Light System	0/0	0
8WNH	RUNNING LIGHT (2) Daytime	0/0	0
8WPH	CLEARANCE/MARKER LIGHTS (5) {Truck Lite} Amber LED Lights, Flush Mounted on Cab or Sunshade	0/0	0
8WPZ	TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights	0/0	0
8WRB	HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on	0/0	0
8WTP	COURTESY LIGHT (2) Mounted In Front Map Pocket Left and Right Side	1/0	1
	<u>Notes</u> : Feature included with CAB INTERIOR TRIM, Premium		
8WVP	HORN, AIR (2) Single Tone, Rectangular; Chrome. Roof Mounted	9/-1	8
8WXD	ALARM, PARKING BRAKE Electric Horn Sounds in Repetitive Manner When Vehicle Park Brake is "NOT" Set, With Ignition "OFF" and any Door Opened	0/0	0
8WXG	STARTING MOTOR {Mitsubishi Electric Automotive America 105P} 12-Volt, with Soft-Start	0/0	0
8WZP	INDICATOR, BATTERY WARNING Green BATTERY ON Indicator, Mounted on Left Side of Instrument Panel, To be Used with Factory Installed or Customer Mounted Battery Disconnect Switch	1/0	1
8XAH	CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III With Trip Indicators, Replaces All Fuses Except For 5-Amp Fuses	0/0	0
8XGT	TURN SIGNALS, FRONT Includes LED Side Turn Lights Mounted on Fender	0/0	0
9585	FENDER EXTENSIONS Rubber	0/0	0
9HAN	INSULATION, UNDER HOOD for Sound Abatement	10/0	10
9HBM	GRILLE Stationary, Chrome	0/0	0
9HBN	INSULATION, SPLASH PANELS for Sound Abatement	3/0	3
9WBK	FRONT END Tilting, Fiberglass, With Three Piece Construction Includes Long Hood	0/0	0
10060	PAINT SCHEMATIC, PT-1 Single Color, Design 100	0/0	0
	<u>Includes</u> : PAINT SCHEMATIC ID LETTERS "GS"		
10761	PAINT TYPE Base Coat/Clear Coat, 1-2 Tone	0/0	0
10943	KEYS - ALL ALIKE Fleet - Includes Ignition and Cab Door Keys	0/0	0
10UAD	VEHICLE REGISTRATION IDENTITY ID for 49 States, Excluding California	0/0	0
10WBA	KEYS - ALL ALIKE, ID Z-250	0/0	0

<u>Code</u>	<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
10WJH	PROMOTIONAL PACKAGE Government and Municipal Silver Package; Two Year Limited Subscription of On-Command Service Information (Formerly Fleet ISIS), and On-Command Parts Information (Formerly Fleet Parts Catalog), Requires Specific Feature Combinations	0/0	0
11001	CLUTCH Omit Item (Clutch & Control)	-134/-22	-156
12772	ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection, for N13 Engines	0/0	0
12850	PTO EFFECTS, ENGINE FRONT for N13 Engines, Less PTO Unit, Includes Adapter Plate on Engine Front Mounted	0/0	0
12BCS	ENGINE, DIESEL {Navistar N13} EPA 2010, SCR, 430 HP @ 1700 RPM, 1550 lb-ft Torque @ 1000 RPM, 2100 RPM Governed Speed, 430 Peak HP (Max)	0/0	0
12THT	FAN DRIVE {Horton Drivemaster} Direct Drive Type, Two Speed With Residual Torque Device for Disengaged Fan Speed	3/0	3
	<u>Includes</u> : FAN Nylon		
12UNX	FEDERAL EMISSIONS {Navistar N13} EPA, OBD and GHG Certified for Calendar Year 2016	0/0	0
12VAL	AIR CLEANER Dual Element, with Integral Snow Valve and In-Cab Control	6/0	6
	<u>Includes</u> : GAUGE, AIR CLEANER RESTRICTION Air Cleaner Mounted		
12WCT	BLOCK HEATER, ENGINE {Phillips} 120V/1500W With "Y" Cord for Fuel Heater; Cord to Operate Both Heaters	3/0	3
	<u>Includes</u> : BLOCK HEATER SOCKET Receptacle Type; Mounted below Drivers Door		
12WEG	COLD STARTING EQUIPMENT Automatic; With Engine ECM Control	0/0	0
12WEH	ENGINE OIL SAMPLE VALVE Mounted on Engine	2/0	2
12WPX	OIL PAN Rust Protected (Resistive Coating), For N13 Engines	0/0	0
12WZE	EMISSION COMPLIANCE Federal, Does Not Comply With California Clean Air Idle Regulations	0/0	0
12XAW	RADIATOR Aluminum; Welded, Front to Back CrossFlow System, 1593 SqIn, 1012 SqIn CAC, 1543 SqIn 3 Core LTR	0/0	0
13AUW	TRANSMISSION, AUTOMATIC {Allison 4500_RDS_P} 5th Generation Controls; Wide Ratio, 6-Speed, With Double Overdrive; On/Off Hwy; Includes Oil Level Sensor, With PTO Provision, Less Retarder	215/80	295
13WAW	OIL COOLER, AUTO TRANSMISSION {Modine} Water to Oil Type	25/0	25
13WBL	TRANSMISSION SHIFT CONTROL {Allison} Push-Button Type; for Allison 3000 & 4000 Series Transmission	0/0	0
13WLM	TRANSMISSION OIL Synthetic; 63 thru 76 Pints	0/0	0
13WUC	ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS); General Purpose Trucks, Construction	0/0	0
13WYH	TRANSMISSION TCM LOCATION Located Inside Cab	0/0	0

<u>Code</u>	<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
13WYU	SHIFT CONTROL PARAMETERS Allison 3000 or 4000 Series Transmissions, 5th Generation Controls, Performance Programming	0/0	0
13XAT	PTO LOCATION Dual, Left Side and Top of Transmission	0/0	0
14899	SUSPENSION AIR CONTROL VALVE Pressure Release Control In Cab	5/3	8
14HRC	AXLE, REAR, TANDEM {Meritor RT-46-164EH} Single Reduction, Standard Width, 46,000-lb Capacity, With Driver Controlled Locking Differential in Forward-Rear and Rear-Rear Axle, 200 Wheel Ends . Gear Ratio: 5.38	0/541	541
	<u>Includes</u> : POWER DIVIDER LOCK Electric over Air Operated, Cab Control with Indicator Light : REAR AXLE DRAIN PLUG (2) Magnetic, For Tandem Rear Axle		
	<u>Notes</u> : Axle Lead Time is 45 Days : When Specifying Axle Ratio, Check Performance Guidelines and TCAPE for Startability and Performance		
14UNX	SUSPENSION, REAR, AIR, TANDEM {Hendrickson PRIMAAX EX} 55" Axle Spacing; 46,000-lb Capacity, 9.0" Ride Height, With Shock Absorbers Mounted in Standard Location	1/184	185
	<u>Includes</u> : CROSSMEMBER, SUSPENSION 3-Piece		
	<u>Notes</u> : 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. : When Specifying Axle Ratio, Check Performance Guidelines and TCAPE for Startability and Performance		
14WBN	DIFF. SWITCH CONTROLS Two Independent Switches for Control Traction Differentials on Tandem Rear Axles, Mounted on Dash	1/0	1
14WMK	AXLE, REAR, LUBE {EmGard FE-75W-90} Synthetic Oil; 65 thru 89.99 Pints	0/0	0
15LKY	FUEL/WATER SEPARATOR {Davco Fuel Pro 382} 120 Volt Pre-Heater and Fuel Heated, Thermostatic Fuel Temperature Control, Includes Water-In-Fuel Light, Mounted In Standard Position	3/-2	1
15SSC	FUEL TANK Temporary; Top Draw; D-Style, Non-Polished Aluminum, 16" Tank Depth, 50 U.S. Gal., 189 L Capacity, with Quick Connect Outlet, Mounted Left Side Back of Cab	4/0	4
15WDG	DEF TANK 7 U.S. Gal. 26.5L Capacity, Frame Mounted Outside Left Rail, Under Cab	0/0	0
16030	CAB Conventional	0/0	0
	<u>Includes</u> : ARM REST (2) Molded Plastic; One Each Door : COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window : CUP HOLDERS Two Cup Holders, Located in Lower Center 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 HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side : GRAB HANDLE, CAB INTERIOR (2) Front of "B" Pillar Mounted, One Each Side		

<u>Code</u>	<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
	: INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior Color : STEP (4) Two Steps Per Door		
16HBA	GAUGE CLUSTER English With English Electronic Speedometer <u>Includes</u> : 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)	0/0	0
16HGG	GAUGE, OIL TEMP, ENGINE	1/0	1
16HHE	GAUGE, AIR CLEANER RESTRICTION {Filter-Minder} With Black Bezel Mounted in Instrument Panel	2/0	2
16HKT	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster	0/0	0
16HLJ	GAUGE, DEF FLUID LEVEL	0/0	0
16JNT	SEAT, DRIVER {National 2000} Air Suspension, High Back With Integral Headrest, Vinyl, Isolator, 1 Chamber Lumbar, With 2 Position Front Cushion Adjust, -3 to +14 Degree Angle Back Adjust <u>Includes</u> : SEAT BELT 3-Point, Lap and Shoulder Belt Type	0/0	0
16SDE	MIRROR, CONVEX, LOOK DOWN {Lang Mekra} Right Side, 6" x 10 1/4"	2/0	2
16SEE	GRAB HANDLE Chrome; Towel Bar Type With Anti-Slip Rubber Inserts; for Cab Entry Mounted Left Side Only at "B" Pillar	3/0	3
16SMN	SEAT, PASSENGER {National} Non Suspension, High Back, Fixed Back, Integral Headrest, Vinyl	17/6	23
16SNB	MIRRORS (2) {Lang Mekra} Rectangular, Thermostatically Controlled Heated Heads, Black Heads, Brackets and Arms, Breakaway Type, 7.55" x 14.1" Integral Convex Both Sides, 102" Inside Spacing	-3/0	-3
16VCC	SEAT BELT All Orange; 1 to 3	0/0	0
16WBY	ARM REST, RIGHT, DRIVER SEAT	3/0	3
16WCT	AIR CONDITIONER {Blend-Air} With Integral Heater & Defroster <u>Includes</u> : HEATER HOSES Premium : HOSE CLAMPS, HEATER HOSE Mubea Constant Tension Clamps : REFRIGERANT Hydrofluorocarbon HFC-134A	49/5	54
16WJT	INSTRUMENT PANEL Center Section, Ergonomic Panel	0/0	0
16WJU	WINDOW, POWER (2) and Power Door Locks, Left and Right Doors, Includes Express Down Feature	5/0	5
16WKY	HVAC FRESH AIR FILTER	0/0	0
16WLE	STORAGE POCKET, DOOR Molded Plastic, Full Width; Mounted on Passenger Door	0/0	0

<u>Code</u>	<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
16WLS	FRESH AIR FILTER Attached to Air Intake Cover on Cowl Tray in Front of Windshield Under Hood	1/0	1
16WRX	CAB INTERIOR TRIM Deluxe	0/0	0
	<u>Includes</u> : "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, 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 and CB Radio Pocket : DOOR TRIM PANELS Molded Plastic; Driver and Passenger Doors : FLOOR COVERING Rubber, Black : HEADLINER Soft Padded Cloth : INSTRUMENT PANEL TRIM Molded Plastic with Black Center Section : STORAGE POCKET, DOOR (1) Molded Plastic, Full-Length; Driver Door : SUN VISOR (2) Padded Vinyl with Driver Side Toll Ticket Strap, Integral to Console		
16WSK	CAB REAR SUSPENSION Air Bag Type	0/0	0
16XWJ	WINDSHIELD WIPER BLADES Snow Type	2/0	2
27DUN	WHEELS, FRONT {Accuride 29807} DISC; 22.5x12.25 Rims, Powder Coat Steel, 5-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs, Offset 5.37"	0/0	0
28DUK	WHEELS, REAR {Accuride 29169} DUAL DISC; 22.5x8.25 Rims, Powder Coat Steel, 5-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with .472" Thick Increased Capacity Disc and Steel Hubs	0/0	0
29PAW	PAINT IDENTITY, FRONT WHEELS Disc Front Wheels; With Vendor Applied Gray Powder Coat Paint	0/0	0
29PAX	PAINT IDENTITY, REAR WHEELS Disc Rear Wheels; With Vendor Applied Gray Powder Coat Paint	0/0	0
7382137518	(8) TIRE, REAR 11R22.5 G177 (GOODYEAR-SPECIAL TIRES) 493 rev/mile, load range H, 16 ply	0/136	136
7702658113	(2) TIRE, FRONT 385/65R22.5 G296 MSA (GOODYEAR) 488 rev/mile, load range J, 18 ply	96/0	96
OBD001	SUSPENSION, REAR, TANDEM 4VHZ with PriMaxx 46K 55" Air Suspension	0/0	0
OBD003	MISCELLANEOUS * Modesty Panel, Painted, LEFT HAND SIDE ONLY	0/0	0
Services Section:			
40118	WARRANTY Standard for Paystar 5000, and Workstar 7500/7600, Effective with Vehicles Built January 2, 2015 or Later, CTS-2003Z	0/0	0
Total Component Weight:		10279/8139	18418
	1% MiDEAL Fee Paid to State of MI Under MiDEAL Program Requirements	0/0	0
	Add'l Leveling Valve for Hendrickson PriMaxx Air Rear Suspension (installed by Navistar TSC)	0/0	0

<u>Code</u>	<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
	Total Goods Purchased:	0/0	0

The weight calculations included in this proposal are an estimate of future vehicle weight. The actual weight as manufactured may be different from the estimated weight. Navistar, Inc. shall not be liable for any consequences resulting from any differences between the estimated weight of a vehicle and the actual weight.

<u>Description</u>	<u>(US DOLLAR)</u>	<u>Price</u>
Factory List Prices:		
Product Items	\$223,730.00	
Service Items	\$0.00	
Total Factory List Price Including Options:		\$223,730.00
Total Goods Purchased:		\$1,491.45
Document Fee	\$190.00	
Total Preparation And Delivery:		\$190.00
Freight	\$2,200.00	
Total Freight:		\$2,200.00
Total Factory List Price Including Freight:		\$227,611.45
Less Customer Allowance:		(\$107,851.25)
Total Vehicle Price:		\$119,760.20
Total Sale Price:		\$119,760.20
Total Per Vehicle Sales Price:		\$119,760.20
Total Net Sales Excluding Taxes:		\$119,760.20
Michigan Title Fee	\$15.00	
Total License, Title:		\$15.00
Net Sales Price:		\$119,775.20

State of MI-MiDEAL Specification 3958-0172D for City of Novi T/A Swaploader. Spec is the same re-quote being offered to Genesee County Road Commission. Note: Preliminary Specification Only- NOT FOR ORDER !!!

Please Also Note the Following:

- * Modesty Panel, Painted, LH Side Only will Require a Minimum of Eight-(8) Weeks Engineering Time from Date of Order.
- Rear Dust Shields; No Longer Available with PriMaxx EX 46K Rear Suspension.
- Goodyear 11R22.5 G177 Drive Tires Being Replaced by new Goodyear "Armor Max" Tires of Equivalent Ply and Rating

Approved by Seller:

Accepted by Purchaser:

Official Title and Date

Firm or Business Name

Authorized Signature

Authorized Signature and Date

This proposal is not binding upon the seller without Seller's Authorized Signature

Official Title and Date

The TOPS FET calculation is an estimate for reference purposes only. The seller or retailer is responsible for calculating and reporting/paying appropriate FET to the IRS.