



CITY of NOVI CITY COUNCIL

**Agenda Item 7
October 22, 2018**

SUBJECT: Approval to purchase a 2019 F-550 Swaploader with attachments from Signature Ford through the Macomb County Cooperative Purchasing Contract, in the amount of \$121,479.

SUBMITTING DEPARTMENT: Department of Public Works, Fleet Asset Division
Integrated Solutions, Parks Maintenance

CITY MANAGER APPROVAL: 

EXPENDITURE REQUIRED	\$ 122,394
AMOUNT BUDGETED	\$ 130,000
APPROPRIATION REQUIRED	N/A
LINE ITEM NUMBER	101-265.10-984.031

BACKGROUND INFORMATION:

Parks Maintenance is requesting the purchase of a new one-ton truck with a front plow and three attachments – a dump body, a chipper box, and a stake rack bed. The different attachments are needed for separate functions at each park. This truck will allow the following tasks to be completed efficiently and effectively.

- Transporting landscaping materials throughout the parks
- Hauling trailers and equipment
- Transporting tools and personnel
- Winter maintenance (plowing) in the parks system
- Moving park equipment (benches, cans, etc.)
- Distributing janitorial supplies to various bathroom locations
- Moving athletic field equipment from park to park

This request was approved in the CIP as project FPM006.

RECOMMENDED ACTION: Approval to purchase a 2019 F-550 Swaploader with attachments from Signature Ford through the Macomb County Cooperative Purchasing Contract, in the amount of \$121,479.



August 7, 2018

City of Novi
Attn: Mike Rhatigan
45175 W. Ten Mile Road
Novi, MI 48375

Attn: Mike Rhatigan:

Price on 2019 Vehicle State of Michigan Contract# 071B1300009 and Macomb County Contract# 71-15 Bid:

2019 Ford F550 Regular Cab 4x4 Chassis 169" WB, 84" CA in Red \$37,534.00 ea

Standard Service Contract: 36,000 miles or 36 months factory Bumper to Bumper Warranty and 60,000miles 60 months Powertrain Warranty . Service to be handled by your local Ford Dealer.

Order Cutoff Date: TBD.

Ford Motor Company does not guarantee delivery---Ford Motor Company will make reasonable efforts to schedule orders received prior to fleet order cut-off date.

Payment requirements: All departments to pay on delivery of vehicle. 30-day grace period will be given if previous arrangements have been made. A \$9.50 per day floor plan will be charged if payment is not at the dealership within 30 days of delivery of the vehicle (s).

If you have any questions please call me, 888-92-FLEET (923-5338)

Respectfully Submitted,

Bill Campbell

Bill Campbell
Government & Fleet Sales

Macomb Co# 71-15. T.13
2019 F-550 DRW-Chassis Cab
Reg. Cab, SuperCab, Crew Cab
Major Standard Equipment

MECHANICAL

- Brakes – Four-wheel Disc Brakes; Anti-lock Brake System (ABS)
- Engine
 - 6.8L 3 Valve Gas SOHC EFI NA V10 (F-450/F-550)
- Transmission – TorqShift® Six-Speed automatic w/SelectShift® automatic (6R140)

EXTERIOR

- Bumper – front, black painted
- Fender vents – front
- Front License Plate Bracket
- Fuel Tank
 - 40 gallon aft axle
- Glass – solar-tinted
- Grille – black painted
- Scuff plates – front, color-coordinated
- Splash Guards/Mud Flaps – Front
- "Three Blink" Lane change signal
- Tow hooks – front (2)
- Trailer wiring – 7 wire harness w/relays, blunt cut & labeled
- Wheels
 - F-450 & F-550 – 19.5" Argent Painted Steel
 - Manual Locking Hubs (4x4)
- Windshield Wipers – intermittent

INTERIOR/COMFORT

- 2.3" Productivity Screen in IP Cluster Instrumentation Center
 - Multi-function switch message center display with Ice Blue® Lighting
- 12V Powerpoint, auxiliary
- Air conditioning – single-zone, manual
- Air conditioning vents – black w/chrome ring and knob
- Cabin Air Particulate Filter
- Convenience
 - Coat hooks, LH/RH color-coordinated
 - Dash top tray
 - Dome lamp – LH/RH door activated & I/P switch operated w/delay
 - Handles, grab – driver & front-passenger
 - Handles, roof ride – front-passenger (also over rear-doors on Crew Cab)
 - Map lights – dual (front and rear w/Crew Cab)
 - 12V Powerpoint, auxiliary
- Gauges and Meters – Fuel, Transmission Temperature, Engine Coolant Temperature, Oil Pressure (Gas engine) and Turbo (Diesel engine) Gauges; Speedometer, Odometer and Tachometer
- Headliner – color-coordinated cloth
- Instrument panel – color-coordinated w/dual glove boxes, four (4) air registers w/positive shut-off and powerpoint
- Instrumentation Center
 - 2.3" LCD Productivity Screen in IP Cluster
- Door-trim – armrest/grab handle and reflector
- Floor covering – black, full length vinyl
- Mirror – rearview 11.5" day/night
- Outside Temperature Display
- Overhead Console with 6 Upfitter Switches

- Seat – Front, HD vinyl, 40/20/40 split bench w/center armrest, cupholder and storage (manual lumbar – driver's side)
- Steering – power
- Steering damper
- Steering wheel – black vinyl with tilt and telescoping steering wheel/column; includes three (3) button message control
- Sun visors – color-coordinated vinyl, driver w/pocket, passenger w/uncovered mirror insert with 6 inch overhead
- Upfitter switches – 6 located in Overhead Console
- Window – Rear, fixed

SAFETY/SECURITY

- AdvanceTrac® with RSC® (Roll Stability Control™)
- Airbags
 - Driver and Passenger frontal and side airbag/curtain
 - Passenger side airbag deactivation switch
- AutoLamp – Auto On/Off Headlamps
- Child tethers (Regular Cab front-passenger and all rear-seating positions)
- Driver and passenger frontal and side airbag/curtain; passenger side deactivation switch
- Headlamps – Quad beam jewel effect halogen
- Lamps – LED Roof marker/clearance
- Mirrors – manually telescoping two-way fold trailer tow with manual glass
- Safety Belts
 - Belt-Minder® (front safety belt reminder) – chime and flashing warning lights on I/P if belts not buckled
 - Color-coordinated safety belts w/height adjustment (frontoutboard seating positions only)
- Safety Canopy® System
- SOS Post-Crash Alert System™
- Stationary Elevated Idle Control (SEIC)
- Underhood service light

DRIVER ASSIST

- AutoLamp (Auto On/Off Headlamps) with Rainlamp Wiper Activated Headlamps

FUNCTIONAL

- Alternators:
 - 6.8L 3 Valve Gas – Heavy-Duty 240 AMP
 - 6.7L 4 Valve OHV Power Stroke® V8 Turbo Diesel – Extra Heavy-Duty 220 AMP
- Audio – AM/FM stereo (speakers; four (4) w/Reg. Cab, six (6) w/Super and Crew Cabs)
- Battery:
 - 750 CCA, 78 AH, Dual (6.7L Power Stroke® Diesel engine only)
 - 750 CCA, 78 AH (6.8L Gas engine only)
- Hood release
- Horn – dual electric
- Intelligent Oil-Life Monitor® (6.7L Power Stroke® Diesel engine)
- Oil minder system (6.8L Gas engine)
- Shock absorbers – heavy-duty gas
- Springs, rear auxiliary
- Stabilizer bar – front and rear

18,000# GVWR, 11,500 PAYLOAD Reg. Cab 145 WB, CA 60", 18,000# GVWR, 11,200 PAYLOAD
 Base Price (F5G/660a) 4x2 **\$30,382.00**
 Base Price (F5H/660a) 4x4 **\$32,931.00**

18,000# GVWR, 11,400 PAYLOAD Reg. Cab WB 169, CA 84", 18,000# GVWR, 11,100 PAYLOAD
 Base Price (F5G/660a) 4x2 **\$31,004.00**
 Base Price (F5H/660a) 4x4 **\$33,549.00**

18,000# GVWR, 11,300 PAYLOAD Reg. Cab 193 WB, CA 108", 18,000# GVWR, 11,000 PAYLOAD
 Base Price (F5G/660a) 4x2 **\$31,158.00**
 Base Price (F5H/660a) 4x4 **\$33,703.00**

18,000# GVWR, 11,100 PAYLOAD Reg. Cab WB 205, CA 120", 18,000# GVWR, 10,700 PAYLOAD
 Base Price (F5G/660a) 4x2 **\$31,312.00**
 Base Price (F5H/660a) 4x4 **\$33,861.00**

18,000# GVWR, 11,100 PAYLOAD SuperCab WB 168, CA 60", 18,000# GVWR, 10,800 PAYLOAD
 Base Price (X5G/660a) 4x2 **\$32,960.00**
 Base Price (X5H/660a) 4x4 **\$36,031.00**

18,000# GVWR, 11,000 PAYLOAD SuperCab WB 192, CA 84", 18,000# GVWR, 10,700 PAYLOAD
 Base Price (X5G/660a) 4x2 **\$33,115.00**
 Base Price (X5H/660a) 4x4 **\$36,186.00**

18,000# GVWR, 10,900 PAYLOAD Crew Cab WB 179, CA 60", 18,000# GVWR, 10,600 PAYLOAD
 Base Price (W5G/660a) 4x2 **\$33,715.00**
 Base Price (W5H/660a) 4x4 **\$36,786.00**

18,000# GVWR, 10,800 PAYLOAD Crew Cab WB 203, CA 84", 18,000# GVWR, 9,900 PAYLOAD
 Base Price (W5G/660a) 4x2 **\$33,869.00**
 Base Price (W5H/660a) 4x4 **\$36,944.00**

<u>Available Standard Options</u>	<u>Option</u>	<u>Price</u> <u>Reg.&Super/CrewCab</u>
<input type="checkbox"/> 6.7L Power Stroke 4V Diesel V8 (B20)/TorqShift 6-Spd Auto.	99T/44W	8595.00
<input type="checkbox"/> Seats, 40/20/40 Split Bench Cloth	1S	100.00/315.00
<input type="checkbox"/> Seat, Vinyl 40/Mini-Console/40 (Regular Cab only)	LS	355.00
<input type="checkbox"/> Seats, Cloth 40/Mini-Console/40	2S	515.00/615.00
<input type="checkbox"/> LT225/70Rx19.5 BSW Traction, incl. 4-Traction on the rear & 2 A/S tires on the front, Option Spare is A/S	THB	190.00
<input type="checkbox"/> LT225/70Rx19.5 BSW Max Traction-4x4 only, Continental, Incl. 4-traction tires on the rear & 2 traction tires on the front-	TGB	215.00
<input type="checkbox"/> Stainless Steel Wheel Cover	945	380.00
<input type="checkbox"/> Engine Idle Shutdown (avail. w/6.7L diesel Only) 5-Minutes	86A	250.00
<input type="checkbox"/> Engine Idle Shutdown (avail. w/6.7L diesel Only) 10-Minutes	86B	250.00
<input type="checkbox"/> Engine Idle Shutdown (avail. w/6.7L diesel Only) 15-Minutes	86C	250.00
<input type="checkbox"/> Engine Idle Shutdown (avail. w/6.7L diesel Only) 20-Minutes	86D	250.00
<input type="checkbox"/> Operator Commanded Regeneration (OCR) (6.7L Diesel Only)	98R	250.00
<input checked="" type="checkbox"/> Transmission Power Take-Off Provision	62R	280.00
<input type="checkbox"/> Axle, Limited Slip	X4N/X4L/X8L	360.00

<input checked="" type="checkbox"/>	Power Windows, Locks, Heated Mirrors, and Remote Keyless Entry	90L/54K	915.00/1125.00cc
<input type="checkbox"/>	Utility Lighting System (LED Side-mirror Spotlights Requires Power Equipment Group 90L/54K)	63A	160.00
<input type="checkbox"/>	Speed Control	525	235.00
<input type="checkbox"/>	XL Decor Group (Chrome front bumper)	17F	220.00
<input type="checkbox"/>	XL Value Pkg (Chrome front bumper, AM/FM Stereo/SYNC & Cruise Control)	96V	1000.00
<input type="checkbox"/>	SYNC Bluetooth System	585	550.00
<input type="checkbox"/>	Daytime running Lights	942	45.00
<input type="checkbox"/>	2-Ton Mechanical Jack	61J	55.00
<input checked="" type="checkbox"/>	Spare Tire & Wheel-Includes 2-ton mechanical jack	512	350.00
<input type="checkbox"/>	Dual Alternators, Diesel only (total of 377 amps)	67B	115.00
<input type="checkbox"/>	110V/400W Outlet	43C	75.00
<input type="checkbox"/>	Electric Shift on the fly (4x4 6.7L Diesel Engine Only)	213	185.00
<input checked="" type="checkbox"/>	Upfitter Interface Module	18A	295.00
<input type="checkbox"/>	Skid Plate Transfer Case 4x4 only (SuperCab & CrewCab Only)	41P	100.00
<input type="checkbox"/>	Fuel Tank- 28 Gallon Mid-Ship-Replaces 40 gal. aft-axle tank	65M	125.00
<input type="checkbox"/>	Fuel Tank-Dual Diesel (Adds 28 Gal. Mid-Ship to the 40 Gal.Aft.)	65C	625.00
<input type="checkbox"/>	Keys Extra (Regular) \$75.00 x __ =	Sig	75.00 ea
<input type="checkbox"/>	Keys Extra (With Power Group) \$220.00 x __ =	Sig	220.00 ea
<input type="checkbox"/>	Trailer Tow Package High Capacity- Req.6.7L Diesel & 4.30 LS Rear Axle , has after market trailer brake wiring kit, No brake controller included, Increases GCWR on diesel engine from 26,000# to 28,000#	535	1,080.00
<input type="checkbox"/>	Speed Control	525	235.00
<input checked="" type="checkbox"/>	Payload Upgrade Package (6.8L V10 & 145" WB Only, Inc. 4.88 LS Axle, Increases GVWR from 18,000# to 19,000#)	68U	850.00
<input type="checkbox"/>	Payload Plus Upgrade Package(N/A w 145"WB Gas Engine,68M Inc. 4.88 LS Axle, Increases GVWR from 18,000# to 19,500#)		1515.00
<input type="checkbox"/>	Low Deflection Package-recommended for rear-biased loading, such as wreckers/retriever application, N/A with 141" WB	86S	110.00
<input type="checkbox"/>	Integrated Trailer Brake Controller	52B	270.00
<input type="checkbox"/>	Cab Steps-Black Molded	18B	320.00/370.00
<input type="checkbox"/>	Privacy Glass with Heated Backlight/Rear Window Defrost	43B/924	90.00
<input type="checkbox"/>	Extra HD Front End Suspension – GAWR 7,500 lbs (N/A 67X, 67H)	67P	285.00
<input type="checkbox"/>	Extra Heavy Suspension Package(N/A 67H or 473)	67X	125.00
<input type="checkbox"/>	Suspension Package, Heavy Service(N/A 67X or 473)	67H	125.00
<input checked="" type="checkbox"/>	Snow Plow Prep Package(N/A 67H or 67X)	473	85.00
<input checked="" type="checkbox"/>	Exterior Back up Alarm	76C	140.00
<input checked="" type="checkbox"/>	Rearview Camera Prep Kit (Includes Loose Camera, Wiring Bundle, and Electrochromic Mirror w/Video Display)	872	415.00
<input checked="" type="checkbox"/>	LED Warning Strobes-Amber	91S/59H	655.00

Total Price \$37,534.00 ea

Colors for F-550

<u>Exterior Colors</u>	<u>Interior Steel (Grey)</u>	
Race Red	[PQ]	[x]
Blue Jeans Metallic	[N1]	[]
Ingot Silver Metallic	[UX]	[]
Agate Black	[UM]	[]
Oxford White	[Z1]	[]
Magnetic Metallic	[J7]	[]
Stone Gray	{D1}	[]
SPECIAL PAINT		
School Bus Yellow Add \$660.00	[BY]	[]
Omaha Orange Add \$660.00	[MB]	[]
Green Gem Add \$660.00	[W6]	[]

TRUCK & TRAILER *Specialties, Inc.*

1200 Victory Drive | Howell, MI 48843 | www.ttspec.com | Ph: (517) 552-3855 | Fx: (517) 552-3666

September 7, 2018

City of Novi
Attn: Mike Rhatigan, Fleet Asset Manager
45175 Ten Mile Road, Novi, MI 48375-3024

Equipment Quotation

The following pricing is based on City of Rochester Hills RFP-RH-13-030 contract awarded November 2013

Chassis: 2019 F550 4x4 Regular Cab, 169" WB, 84" CA, payload upgrade to 19,000# GVWR, 6.8L 3 valve gas engine, auto transmission with live PTO provision & snow plow prep package

Install SwapLoader hooklift Hoist model SL-105 including the following:

- Compatible for 84" CA
- Dump capacity minimum 10,500 lbs.
- Hook height to bottom of pin 36"
- Body length 10-11'
- Sliding jib design
- Dual lift and dump cylinders
- Low pressure hydraulics
- Dual rear pivot section
- Integral dual counterbalance valves
- Jib lock-out system
- Nylatron slide pads
- 4 years parts and 1-year labor warranty

Install Hydraulic System to operate SwapLoader Hoist including the following:

- Chelsea hotshift power take-off with direct-mounted 12.9 GPM pump with speed control
- 30-gal side-mounted stainless steel tank with return line oil filter and shut-off valve
- Low-oil shutdown sensor
- Force America Add-A-Fold 2010 Valve, 12-volt actuated valve with hoist & jib functions
- Stainless steel valve enclosure mounted on frame
- All necessary hoses and fittings
- Return line header

Install Force America 5100EX Spreader Controller including the following:

- A fully-integrated, all-in-one spreader control
- Manual, open- and closed-loop controller modes
- Accurate application of granular and liquid pre-wetting materials
- Compact, rugged design with intuitive navigation and comfort
- Integration with PreCise MRM AVL/GPS including antenna and harnesses for both chassis, controller, 1015263 Finassy control box and RoadWatch cable

Install Custom Chassis Lighting & Electrical including the following:

- One (1) SoundOff Pinnacle (mo. EPL7PDPC) amber/green mini lightbar on cab roof 3rd brake light bracket
- Rear stainless steel 3-hole lightboxes including LED marker lights and LED 6" oval SoundOff backup lights, one (1) of each oval solid-amber & solid-green flashers and with STT lights (mounted in outside holes)
- Two (2) 4" Weldex LED work lights mounted rear-facing on bottom of lightboxes
- Backup alarm
- Electrical disconnects for attachments will be located behind cab/driver's side

TRUCK & TRAILER *Specialties, Inc.*

1200 Victory Drive | Howell, MI 48843 | www.ttspec.com | Ph: (517) 552-3855 | Fx: (517) 552-3666

OEM switches will be used for the following:

Front flashers
Rear flashers

InPower switch console includes the following:

PTO on (Override)
Hoist up
Hoist down
Jib in
Jib out

Indicator lights in console include the following:

PTO on indicator
Low oil indicator

Install Miscellaneous including the following:

Install prybar holder (see photo for mounting) on vertical tower assembly, passenger-side
Install poly fender kit with mudflaps
Install RoadWatch wireless temp sensor chassis-mounted

Install Conspicuity Tape as necessary on chassis

Install WeatherTech Floor Liners, 1st row, Black (mo. 4410541V)

Install Luverne Grip-Step Foot Rails for Regular Cab on both sides (mos. 415060 & 401721)

Install ¾" Rear Hitch Plate including the following:

Class IV receiver tube
D-rings for safety chains
7-way round electrical connector

Install Electric Brake Controller

Install Pro-Vision TV-205A Rearview Camera System including the following:

Infrared VLI series night-vision camera and 5" LCD display (does not include wash system)
LED backlighting and wired to be "always on" to view rear traffic
Rearview camera mounted at rear on rear lightbar
5-year limited warranty

Install Western 8.5' Pro Plus Front Plow including the following:

Electric / Hydraulic power unit
Frame attaching mounting brackets
UltraMount hitch assembly
Plow lights and all necessary wiring
Handheld controller
Rubber snow deflector mounted on top of the moldboard

Above chassis-installed equipment price: \$45,320.00 ea.

Base Attachment #1

Install 10' Crysteel E-Tipper Dump Body including the following:

Dump body attachment on 10' SwapLoader subframe SL-105 with rear heavy-duty steel drum wheels
120" length, 87" inside width
16" side height, 22" tailgate
9" x 35" flame-cut window
Crossmemberless design
Boxed top rail
10-gauge body sides and ends constructions

TRUCK & TRAILER *Specialties, Inc.*

1200 Victory Drive | Howell, MI 48843 | www.ttspec.com | Ph: (517) 552-3855 | Fx: (517) 552-3666

7-gauge A1011 floor construction
Sloped running boards
3-panel tailgate construction with quick-drop design
Body shall be painted Red
Drop-down sides with bumpers
Install conspicuity tape as necessary

**Install Roll-Rite manually-operated semi-automatic tarp system including a mesh-type tarp on dump
Base Attachment #1 installed pricing: \$10,165.00 ea.**

Base Attachment #2

Install 10' Flatbed Stake Rack Body including the following:

Hook and skid assembly to fit SwapLoader SL-105
Four (4) steel drum rollers installed in the end of the bed deck
10' long deck plus 18" beavertail, 91" wide deck
96" OD wide flatbed includes a 1/4" treadplate deck
Custom understructure, 2" x 6" outer rail, 56" open center
1/4" stake pockets and 2-1/2" x 3/8" outside tie rail
Tie rail terminated to stake, rear row of stake pockets on flat area before beaver tail
50" x 96" front bulkhead with 24" solid bottom panel
Window built into bulkhead with 24" high expanded metal screen
48" stake rack sides and rear barn-door style swing gate
Six (6) D-rings installed on deck
Body is painted Black
Removable stake racks and bulkhead are powder-coated Black
Install conspicuity tape along tie rail

Base Attachment #2 installed pricing: \$14,330.00 ea.

Base Attachment #3

Install 11' Arbortech Forestry Chipper Body including the following:

Hook and skid assembly to fit SwapLoader SL-105
Steel drum rollers at the end of the skid assembly
132" long, 96" wide, 60" inside height (14.75 cu yard capacity)
Body Construction:
3" structural channel crossmembers @ 4.1 lbs. per ft.
Longsills will be a SwapLoader skid assembly
10 ga. galvaneal floor
Two 7" x 1/2" formed channel as with rear upright support posts
Two 7 ga. corner gusset plate with light pockets
One 4" x 4" x 1/2" rear support tube
Side panels:
12 ga. galvaneal steel flat sides with inside vertical reinforcements
Side panel radius:
12 ga. galvaneal steel 5" formed radius at top
Front panel:
12 ga. galvaneal steel flat panel with formed seams
Top panel:
14 ga. galvaneal steel latitudinal ribs with formed rooftop rib vents
Tailgate:
16 ga. galvaneal steel double-walled

TRUCK & TRAILER *Specialties, Inc.*

1200 Victory Drive | Howell, MI 48843 | www.ttspec.com | Ph: (517) 552-3855 | Fx: (517) 552-3666

Hold open retainer

Right-hand swing 270 degree with locking pin

30" high, two 4" long heavy-duty welded hinges, 3/4" bolt pins and sleeves with grease zerks

Lighting and Paint:

Seven 2.5" side marker clearance ID lights with reflective lenses

Two 2.5" front marker clearance lights

Paint:

One-color Red, paint code required

Undercoating on underside of floor and wheel wells

Coal tar epoxy treatment on interior of box

Three-year "No Rust, No Bust" warranty

Skid:

Body attachment on 11' SwapLoader subframe with 54" hook height

Rear heavy-duty steel drum wheels

Install electric plug and extend wiring harmer from rear of the body to front corner, equip with 7-way plug

Install two (2) round SoundOff LED STT light in upper rear corners, wire to plug

Install two (2) round SoundOff LED flashers, solid-amber & solid-green in upper rear corners, wire to plug

Install LED clearance light kit and wire to the plug

Install conspicuity tape as necessary

Base Attachment #3 installed pricing: \$15,045.00 ea.

Payment Terms: Net 30. Pricing effective for 45 days.

Pricing does not include any of the Rochester Hills RFQ discounts that may be applicable.

2% discount off total taken at invoice if payment received within 30 days.

FOB: City of Novi

Delivery: 240-300 days ARO

Thank you for the opportunity to quote.

Respectfully submitted by,

Jon Luea/Brian Bowman