

# City of Coralville

## ADDENDUM #1



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Date: 1/16/2019  
To: All Companies Interested in Submitting a Bid  
From: Eric Fisher, Streets and Solid Waste Superintendent  
Bid: 44' Aerial Bucket Truck Body (Bid # 19-103); Dated January 10, 2019  
Re: Addendum #1

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The following questions and/or clarifications were asked relative to the above-listed Bid. This memo is sent for clarification to all companies to whom the bid was sent.

**Question:** Specifications for 2019 Ford F550 cab/chassis that 44' aerial bucket lift will be mounted.  
**Answer:** See Attachment A, pages 2-13 of this document.

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All addenda that you receive shall become a part of the contract documents. The deadline for bid submittal is Thursday, January 31, 2019 at 2:00pm CDT.



Bid #19-103  
Addendum #1  
Attachment A

City of Coralville - 44' Aerial Truck Chassis Specifications

**Date:** 01/14/2019

**Vehicle:** 2019 F-550 Chassis XL  
4x2 SD Regular Cab 169" WB DRW





## Selected Options

Code	Description
<b>Base Vehicle</b>	
F5G	Base Vehicle Price (F5G)
<b>Packages</b>	
660A	Order Code 660A  <i>Includes:</i> - Engine: 6.8L 3-Valve SOHC EFI NA V10 - Transmission: TorqShift 6-Speed Automatic (6R140) - Includes SelectShift. - Wheels: 19.5" Argent Painted Steel
<b>Powertrain</b>	
99Y	Engine: 6.8L 3-Valve SOHC EFI NA V10
44P	Transmission: TorqShift 6-Speed Automatic (6R140)  <i>Includes SelectShift.</i>
X8L	Limited Slip w/4.88 Axle Ratio
68M	GVWR: 19,500 lb Payload Plus Upgrade Package  <i>Includes upgraded frame, rear-axle and low deflection/high capacity springs. Increases max RGAWR to 14, 706. Note: See Order Guide Supplemental Reference for further details on GVWR.</i>
<b>Wheels &amp; Tires</b>	
TGM	Tires: 225/70Rx19.5G BSW Traction (TGM)  <i>Includes 4 traction tires on the rear and 2 A/P tires on the front. Optional spare is 225/70Rx19.5G BSW A/P.</i>
64Z	Wheels: 19.5" Argent Painted Steel
512	Spare Tire, Wheel & Jack  Required in Rhode Island.  <i>Excludes carrier.</i> <i>Includes:</i> - 6-Ton Hydraulic Jack
<b>Seats &amp; Seat Trim</b>	
1	Cloth 40/20/40 Split Bench Seat  <i>Includes center armrest, cupholder, storage and driver's side manual lumbar.</i>
<b>Other Options</b>	
PAINT	Monotone Paint Application
169WB	169" Wheelbase



## Selected Options (cont'd)

Code	Description
90L	<p><b>Power Equipment Group</b></p> <p><i>Deletes passenger side lock cylinder. Includes upgraded door-trim panel.</i>  <i>Includes:</i>            - Accessory Delay            - Advanced Security Pack  <i>Includes SecuriLock Passive Anti-Theft System (PATS) and inclination/intrusion sensors.</i>            - Trailer Tow Mirrors w/Power Heated Glass  <i>Includes manual telescoping, heated convex spotter mirror and integrated clearance lamps/turn signals.</i>            - MyKey  <i>Includes owner controls feature.</i>            - Power Front Side Windows  <i>Includes 1-touch up/down driver/passenger window.</i>            - Power Locks            - Remote Keyless Entry</p>
67P	<p><b>Extra Heavy-Duty Front End Suspension - 7,500 GAWR</b></p> <p><i>Includes upgraded front axle and max 7,500 lbs. Front Springs/GAWR rating for configuration selected. Incomplete vehicle package - requires further manufacture and certification by a final stage manufacturer.</i></p>
63C	<p><b>Aft-Axle Frame Extension Pack</b></p> <p><i>32.4" aft-of-axle frame extension increases AF dimension to 79.6"</i></p>
41H	<b>Engine Block Heater</b>
61J	<b>6-Ton Hydraulic Jack</b>
62R	<p><b>Transmission Power Take-Off Provision</b></p> <p><i>Includes transmission mounted live drive and stationary mode PTO.</i></p>
18A	<b>Upfitter Interface Module</b>
52B	<p><b>Trailer Brake Controller</b></p> <p><i>Includes smart trailer tow connector. Verified to be compatible with electronic actuated drum brakes only.</i></p>
18B	<b>Platform Running Boards</b>
872	<p><b>Rear View Camera &amp; Prep Kit</b></p> <p>Upfitters kit includes camera with mounting bracket, 14' jumper wire and camera mounting and aiming instructions. Kit requires video display option to be added to unit. Reference order guide for additional information. Related option content: 872, 585 and 96V.</p> <p><i>Includes cab wiring, frame wiring to the rear most cross member and electrochromic mirror with video display. Video displayed in 4" display.</i></p>
43C	<p><b>110V/400W Outlet</b></p> <p><i>Includes 1 in-dash mounted outlet.</i></p>
76C	<p><b>Exterior Backup Alarm (Pre-Installed)</b></p> <p><i>Custom accessory.</i></p>
61L	<p><b>Wheel Well Liner (Pre-Installed)</b></p> <p><i>Custom accessory.</i></p>

## Fleet Options



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## Selected Options (cont'd)

<b>Code</b>	<b>Description</b>
525	Steering Wheel-Mounted Cruise Control (LPO)  Requires valid FIN code.
585_	Radio: AM/FM Stereo/MP3 (LPO) (Fleet)  Requires valid FIN code.  <i>Includes 4 speakers.</i> <i>Includes:</i> <i>- SYNC Communications &amp; Entertainment System</i> <i>Includes enhanced voice recognition with 911 Assist, 4.2" LCD center stack screen, AppLink, 1 smart-charging USB port and steering wheel audio controls.</i>

### Emissions

425 50-State Emissions System

### Interior Colors

1S\_02 Medium Earth Gray

### Primary Colors

Z1\_01 Oxford White

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## Selected Equipment & Specs

### Dimensions

- \* Exterior length: 287.2"
- \* Exterior width: 80.0"
- \* Wheelbase: 169.0"
- \* Rear track: 74.0"
- \* Rear tire outside width: 93.9"
- \* Front legroom: 43.9"
- \* Front hiproom: 62.5"
- \* Passenger volume: 64.6cu.ft.
- \* Maximum cargo volume: 11.6cu.ft.
- \* Cab to axle: 84.0"
- \* Exterior height: 81.7"
- \* Front track: 74.8"
- \* Turning radius: 24.2'
- \* Min ground clearance: 8.3"
- \* Front headroom: 40.8"
- \* Front shoulder room: 66.7"
- \* Cargo volume: 11.6cu.ft.

### Powertrain

- \* 288hp 6.8L SOHC 30 valve V-10 engine with SMPI federal
- \* Rear-wheel drive
- \* Fuel Economy Cty: N/A
- \* Transmission PTO provision
- \* Recommended fuel : regular unleaded
- \* TorqShift 6 speed automatic transmission with overdrive
- \* Limited slip differential
- \* Fuel Economy Highway: N/A

### Suspension/Handling

- \* Front Mono-beam non-independent suspension with anti-roll bar, HD shocks
- \* Firm ride Suspension
- \* Front and rear 19.5 x 6 argent steel wheels
- \* Dual rear wheels
- \* Rear DANA 130 rigid axle leaf spring suspension with anti-roll bar, HD shocks
- \* Hydraulic power-assist re-circulating ball Steering
- \* Front LT225/70SR19.5 GBSW AS rear LT225/70SR19.5 G BSW M+S

### Body Exterior

- \* 2 doors
- \* Turn signal indicator in mirrors
- \* Black bumpers
- \* Trailer harness
- \* Front and rear 19.5 x 6 wheels
- \* Driver and passenger power remote heated, manual folding door mirrors with turn signal indicator
- \* Black door mirrors
- \* Side steps
- \* Clearcoat paint
- \* 2 front tow hook(s)

### Convenience

- \* Manual air conditioning with air filter
- \* Power front windows
- \* Driver and passenger 1-touch down
- \* Manual tilt steering wheel
- \* Day-night rearview mirror with auto-dimming
- \* Wireless phone connectivity
- \* 2 1st row LCD monitors
- \* Passenger visor mirror
- \* Upfitter switches
- \* Cruise control with steering wheel controls
- \* Driver and passenger 1-touch up
- \* Remote power door locks with 2 stage unlock and illuminated entry
- \* Manual telescopic steering wheel
- \* 911 Assist emergency SOS
- \* AppLink smart device integration
- \* Front cupholders
- \* Driver and passenger door bins

### Seats and Trim

- \* Seating capacity of 3
- \* 4-way driver seat adjustment
- \* 4-way passenger seat adjustment
- \* Cloth seat upholstery
- \* Front 40-20-40 split-bench seat
- \* Manual driver lumbar support
- \* Centre front armrest with storage



## Selected Equipment & Specs (cont'd)

### Entertainment Features

- \* AM/FM stereo radio with radio data system
- \* Steering wheel mounted radio controls
- \* Streaming audio
- \* SYNC external memory control
- \* 4 speakers
- \* Fixed antenna

### Lighting, Visibility and Instrumentation

- \* Halogen aero-composite headlights
- \* Fully automatic headlights
- \* Light tinted windows
- \* Tachometer
- \* Compass
- \* Camera(s) - rear
- \* Trip odometer
- \* Delay-off headlights
- \* Variable intermittent front windshield wipers
- \* Front reading lights
- \* Oil pressure gauge
- \* Outside temperature display
- \* Trip computer

### Safety and Security

- \* 4-wheel ABS brakes
- \* 4-wheel disc brakes
- \* Dual front impact airbag supplemental restraint system with passenger cancel
- \* Safety Canopy System curtain 1st row overhead airbag supplemental restraint system
- \* Power remote door locks with 2 stage unlock and panic alarm
- \* MyKey restricted driving mode
- \* Brake assist
- \* Driveline traction control
- \* Dual seat mounted side impact airbag supplemental restraint system
- \* Remote activated perimeter/approach lighting
- \* Security system with SecuriLock immobilizer
- \* Manually adjustable front head restraints

### Dimensions

#### General Weights

Curb .....	6,993 lbs.	GVWR .....	19,500 lbs.
Payload .....	12,750 lbs.		

#### Front Weights

Front GAWR .....	7,500 lbs.	Front curb weight .....	3,858 lbs.
Front axle capacity .....	7,500 lbs.	Front spring rating .....	7,500 lbs.
Front tire/wheel capacity .....	7,500 lbs.		

#### Rear Weights

Rear GAWR .....	14,706 lbs.	Rear curb weight .....	3,135 lbs.
Rear axle capacity .....	14,706 lbs.	Rear spring rating .....	15,000 lbs.
Rear tire/wheel capacity .....	15,000 lbs.		

#### Trailer Type

Harness .....	Yes	Brake controller .....	Yes
Trailer sway control .....	Yes		

#### General Trailering

5th-wheel towing capacity .....	20440 lbs.	Gooseneck towing capacity .....	20440 lbs.
Towing capacity .....	18340 lbs.	GCWR .....	28000 lbs.

#### Fuel Tank type

Capacity .....	40 gal.
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#### Off Road

Min ground clearance .....	8 "
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## Selected Equipment & Specs (cont'd)

### Interior cargo

Cargo volume ..... 11.6 cu.ft.      Maximum cargo volume ..... 11.6 cu.ft.

### Rear Frame

Height loaded ..... 29 "      Height unloaded ..... 34 "

## Powertrain

### Engine Type

Block material	Iron	Cylinders	V-10
Head material	Aluminum	Ignition	Spark
Injection	Sequential MPI	Liters	6.8L
Orientation	Longitudinal	Recommended fuel	Regular unleaded
Valves per cylinder	3	Valvetrain	SOHC

### Engine Spec

Bore	3.55"	Compression ratio	9.2:1
Displacement	415 cu.in.	Stroke	4.16"

### Engine Power

Output	288 HP @ 4,000 RPM	Torque	424 ft.-lb @ 3,000 RPM
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### Alternator

Type	HD	Amps	240
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### Battery

Amp hours	78	Cold cranking amps	750
Run down protection	Yes	Type	HD

### Engine Extras

Block heater	Yes
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### Transmission

Electronic control	Yes	Lock-up	Yes
Overdrive	Yes	Speed	6
Type	Automatic		

### Transmission Gear Ratios

1st	3.974	2nd	2.318
3rd	1.516	4th	1.149
5th	0.858	6th	0.674
Reverse Gear ratios	3.128		

### Transmission Torque Converter

Stall ratio	1.90
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### Transmission Extras

Driver selectable mode	Yes	Sequential shift control	SelectShift
Oil cooler	Regular duty	PTO provision	Yes

### Drive Type

Type	Rear-wheel
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### Drive Feature

Limited slip differential	Mechanical	Traction control	Driveline
Power take-off provision	Yes		





## Selected Equipment & Specs (cont'd)

### Drive Axle

Ratio ..... 4.88

### Exhaust

Material ..... Stainless steel      System type ..... Single

### Emissions

CARB ..... Federal

### Fuel Economy

Fuel type ..... Gasoline

## Driveability

### Brakes

ABS ..... 4-wheel      ABS channels ..... 3  
 Type ..... 4-wheel disc      Vented discs ..... Front and rear

### Brake Assistance

Brake assist ..... Yes

### Suspension Control

Ride ..... Firm

### Front Suspension

Independence ..... Mono-beam non-independent      Anti-roll bar ..... Regular

### Front Spring

Type ..... Coil      Grade ..... HD

### Front Shocks

Type ..... HD

### Rear Suspension

Independence ..... DANA 130 rigid axle      Type ..... Leaf  
 Anti-roll bar ..... Regular

### Rear Spring

Type ..... Leaf      Grade ..... HD

### Rear Shocks

Type ..... HD

### Steering

Activation ..... Hydraulic power-assist      Type ..... Re-circulating ball

### Steering Specs

# of wheels ..... 2

## Exterior

### Front Wheels

Diameter ..... 19.5"      Width ..... 6.00"

### Rear Wheels

Diameter ..... 19.5"      Width ..... 6.00"  
 Dual ..... Yes



## Selected Equipment & Specs (cont'd)

### Spare Wheels

Wheel material ..... Steel

### Front and Rear Wheels

Appearance ..... Argent Material ..... Steel

### Front Tires

Aspect .....	70	Diameter .....	19.5"
Sidewalls .....	BSW	Speed .....	S
Tread .....	AS	Type .....	LT
Width .....	225mm	LT load rating .....	G
RPM .....	647		

### Rear Tires

Aspect .....	70	Diameter .....	19.5"
Sidewalls .....	BSW	Speed .....	S
Tread .....	M+S	Type .....	LT
Width .....	225mm	LT load rating .....	G
RPM .....	645		

### Spare Tire

Mount ..... Frame mounted Type ..... Full-size

### Wheels

Front track .....	74.8"	Rear track .....	74.0"
Turning radius .....	24.2'	Wheelbase .....	169.0"
Rear tire outside width .....	93.9"		

### Body Features

Front license plate bracket .....	Yes	Front splash guards .....	Yes
Body material .....	Aluminum	Side impact beams .....	Yes
Side steps .....	Yes	Front tow hook(s) .....	2

### Body Doors

Door count ..... 2

### Exterior Dimensions

Length .....	287.2"	Body width .....	80.0"
Body height .....	81.7"	Cab to axle .....	84.0"
Axle to end of frame .....	79.6"	Frame section modulus .....	17.2cu.in.
Frame yield strength (psi) .....	50000.0	Frame rail width .....	34.2"
Front bumper to Front axle .....	38.3"	Cab to end of frame .....	163.6"
Front bumper to back of cab .....	123.7"		

## Safety

### Airbags

Driver front-impact .....	Yes	Driver side-impact .....	Seat mounted
Overhead Safety Canopy System curtain 1st row .....		Passenger front-impact .....	Cancellable
Passenger side-impact .....	Seat mounted		

### Seatbelt

Height adjustable ..... Front

### Security



## Selected Equipment & Specs (cont'd)

Immobilizer .....	SecuriLock	Panic alarm .....	Yes
Restricted driving mode .....	MyKey		

### Seating

#### Passenger Capacity

Capacity .....	3
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#### Front Seats

Split .....	40-20-40	Type .....	Split-bench
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#### Driver Seat

Fore/aft .....	Manual	Reclining .....	Manual
Way direction control .....	4	Lumbar support .....	Manual

#### Passenger seat

Fore/aft .....	Manual	Reclining .....	Manual
Way direction control .....	4		

#### Front Head Restraint

Control .....	Manual	Type .....	Adjustable
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#### Front Armrest

Centre .....	Yes	Storage .....	Yes
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#### Front Seat Trim

Material .....	Cloth	Back material .....	Carpet
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### Convenience

#### AC And Heat Type

Air conditioning .....	Manual	Air filter .....	Yes
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#### Audio System

Radio .....	AM/FM stereo	Radio data system .....	Yes
Radio grade .....	Regular	Seek-scan .....	Yes
External memory control .....	SYNC		

#### Audio Speakers

Speaker type .....	Regular	Speakers .....	4
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#### Audio Controls

Speed sensitive volume .....	Yes	Steering wheel controls .....	Yes
Voice activation .....	Yes	Streaming audio .....	Bluetooth yes

#### Audio Antenna

Type .....	Fixed
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#### LCD Monitors

1st row .....	2	Primary monitor size (inches) .....	4.2
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#### Cruise Control

Cruise control .....	With steering wheel controls
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#### Convenience Features

Retained accessory power .....	Yes	12V DC power outlet .....	2
Emergency SOS .....	911 Assist	Wireless phone connectivity .....	Bluetooth
Back-up alarm .....	Yes	Smart device integration .....	App link



## Selected Equipment & Specs (cont'd)

Upfitter switches .....	Yes		
<b>Door Lock Activation</b>			
Type .....	Power with 2 stage unlock	Remote .....	Keyfob (all doors)
Integrated key/remote .....	Yes		
<b>Instrumentation Type</b>			
Display .....	Analog		
<b>Instrumentation Gauges</b>			
Tachometer .....	Yes	Oil pressure .....	Yes
Engine temperature .....	Yes	Transmission fluid temp .....	Yes
Engine hour meter .....	Yes		
<b>Instrumentation Warnings</b>			
Oil pressure .....	Yes	Engine temperature .....	Yes
Battery .....	Yes	Lights on .....	Yes
Key .....	Yes	Low fuel .....	Yes
Door ajar .....	Yes	Service interval .....	Yes
Brake fluid .....	Yes		
<b>Instrumentation Displays</b>			
Clock .....	In-radio display	Compass .....	Yes
Exterior temp .....	Yes	Systems monitor .....	Yes
Camera(s) - rear .....	Yes		
<b>Instrumentation Feature</b>			
Trip computer .....	Yes	Trip odometer .....	Yes
<b>Steering Wheel Type</b>			
Material .....	Urethane	Tilting .....	Manual
Telescoping .....	Manual		
<b>Front Side Windows</b>			
Window 1st row activation .....	Power		
<b>Window Features</b>			
1-touch down .....	Driver and passenger	1-touch up .....	Driver and passenger
Tinted .....	Light		
<b>Front Windshield</b>			
Wiper .....	Variable intermittent		
<b>Rear Windshield</b>			
Window .....	Fixed		
<b>Interior</b>			
<b>Passenger Visor</b>			
Mirror .....	Yes		
<b>Rear View Mirror</b>			
Day-night .....	Yes	Auto-dimming .....	Yes
<b>Headliner</b>			
Coverage .....	Full	Material .....	Cloth
<b>Floor Trim</b>			



## Selected Equipment & Specs (cont'd)

Coverage .....	Full	Covering .....	Vinyl/rubber
<i>Trim Feature</i>			
Gear shift knob .....	Urethane	Interior accents .....	Chrome
<i>Lighting</i>			
Dome light type .....	Fade	Front reading .....	Yes
Illuminated entry .....	Yes	Variable IP lighting .....	Yes
<i>Storage</i>			
Driver door bin .....	Yes	Front Beverage holder(s) .....	Yes
Glove box .....	Locking	Passenger door bin .....	Yes
Illuminated .....	Yes	Instrument panel .....	Bin
Dashboard .....	Covered		
<i>Legroom</i>			
Front .....	43.9"		
<i>Headroom</i>			
Front .....	40.8"		
<i>Hip Room</i>			
Front .....	62.5"		
<i>Shoulder Room</i>			
Front .....	66.7"		
<i>Interior Volume</i>			
Passenger volume .....	64.6 cu.ft.		