

MEMORANDUM

TO: Mayor and Members of the City Council

FROM: Rich Olson, City Manager
Joseph R. Pearce, Public Utilities Director
Amanda C. Boone, Assistant Public Utilities Director - Waterworks

DATE: November 22, 2017

REF: Consideration – Water & Sewer Maintenance Capital Outlay
Equipment FY 2017-2018 - Crane Truck Purchase

BACKGROUND:

Included in the FY 2017-2018 budget is the replacement of the 1999 Chevrolet Utility Bed/Crane Truck with a new Crane Truck F-550. Upon research of available crane trucks, staff is unable to find an F-550 for the \$70,000.00 allocated in the budget. Staff has located an F-550 Crane Truck for \$77,594.50. Recently, other capital purchases included in the budget were obtained for less than anticipated, which makes available \$3,372. Additionally, staff has determined that the underground boring piercing tool for water line installations included in the 2017-2018 budget for \$6,050 can be deferred to another budget year.

ANALYSIS:

The purchase of the underground boring piercing tool was identified in the budget to be a priority 2 item, while the crane truck was identified as a priority 1. Recently, the current crane truck was inspected, as required, and found to be unsafe and therefore unable to be used. The necessary repairs are extensive. The crane truck is used several times each week as part of sewer pump station and wastewater pump station maintenance. It is important for daily operation to replace the crane truck immediately.

Crane trucks are typically built to order and require months for construction and delivery; however, due to the potential for sewer overflows from failure to do maintenance, the City cannot reasonably wait to procure a custom-built crane truck. Renting a crane truck was considered; however, prices are over \$2,000 per week for rental.

Staff has located an F-550 diesel crane truck meeting our needs in Vandalia, Ohio for \$77,594.50.

Staff have located a smaller gasoline powered two-wheel drive F-450 crane truck at Capital Ford in Raleigh North Carolina for \$78,671. This vehicle is lighter duty, gasoline as compared to diesel, and only two-wheel drive as opposed to four-wheel drive. This is a significantly inferior vehicle as compared to the F-550 located in Ohio.

Capital Ford also provided a quote for an F-550 4WD Diesel to be built to order at \$109,355. A built two-wheel drive F-550 crane truck has been located in Redding, California for \$80,988, Based on the quotations and vehicle specifications, the \$77,594 four-wheel drive diesel F-550 crane truck is the best purchase option.

FINANCIAL:

The Finance Committee discussed this matter during their November 22, 2017 meeting. Upon motion made by Councilman Donnelly, seconded by Councilman Horton, the Committee unanimously recommended approval by the City Council.

STAFF RECOMMENDATION:

By motion, authorize the purchase of an F-550 Crane Truck from Vandalia, Ohio at the price of \$77,594.50; and further recommend that City staff make necessary adjustments to line items within the Water and Sewer budget to keep within budgetary guidelines for FY 2017-2018.



Beau Townsend Ford Lincoln, Inc.
1020 W. National Rd., Vandalia, Ohio, 453771025
Office: 937-898-5841

Customer Proposal

Prepared by:

Colt Walden
Office: 937-271-9825
Email: COLT@BTFORD.COM

Date: 11/17/2017

Vehicle: 2017 F-550 Chassis XL
4x4 SD Regular Cab 169" WB DRW





Selected Options

Code	Description	MSRP
Base Vehicle		
F5H	Base Vehicle Price (F5H)	\$41,740.00
Packages		
660A	Order Code 660A <i>Includes:</i> - Wheels: 19.5" Argent Painted Steel Includes manual locking hubs. - HD Vinyl 40/20/40 Split Bench Seat Includes center armrest, cupholder, storage and driver's side manual lumbar.	N/C
Powertrain		
99T	Engine: 6.7L 4V OHV Power Stroke V8 Turbo Diesel B20 <i>Includes Diesel Exhaust Fluid (DEF) tank, Intelligent Oil-Life Monitor, manual push-button engine-exhaust braking and split-shaft calibration compatibility.</i> <i>Includes:</i> - Dual 78-AH 750 CCA Batteries	\$8,685.00
44W	Transmission: TorqShift 6-Speed Automatic <i>(6R140). Includes SelectShift.</i>	N/C
X8L	Limited Slip w/4.88 Axle Ratio	\$360.00
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>	\$1,155.00
Wheels & Tires		
THB	Tires: 225/70Rx19.5G BSW Traction <i>Includes 4 traction tires on the rear and 2 all-season tires on the front. Optional spare is 225/70Rx19.5G BSW all-season.</i>	\$190.00
64Z	Wheels: 19.5" Argent Painted Steel <i>Includes manual locking hubs.</i>	Included
945	Stainless Steel Wheel Covers (Pre-Installed) <i>Custom accessory. Front and rear.</i>	\$410.00
Seats & Seat Trim		
A	HD Vinyl 40/20/40 Split Bench Seat <i>Includes center armrest, cupholder, storage and driver's side manual lumbar.</i>	Included
Other Options		
PAINT	Monotone Paint Application	STD
169WB	169" Wheelbase	STD

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Selected Options (cont'd)

Code	Description	MSRP
96V	XL Value Package <i>Includes:</i> - 4.2" Center-Stack Screen - Radio: AM/FM Stereo/Single-CD/MP3 Player <i>Includes auxiliary audio input jack and 4 speakers.</i> - XL Decor Group - Chrome Front Bumper - Steering Wheel-Mounted Cruise Control	\$720.00
90L	Power Equipment Group <i>Deletes passenger side lock cylinder. Includes upgraded door-trim panel.</i> <i>Includes:</i> - Accessory Delay - 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> - Perimeter Anti-Theft Alarm - Power Front Side Windows <i>Includes 1-touch up/down driver/passenger window.</i> - Power Locks - Remote Keyless Entry - SecurILock Passive Anti-Theft System (PATS)	\$915.00
473	Snow Plow Prep Package <i>Includes pre-selected springs (see Order Guide Supplemental Reference for springs/FGAWR of specific vehicle configurations). NOTE 1: Restrictions apply; see Supplemental Reference or Body Builders Layout Book for details. NOTE 2: Also allows for the attachment of a winch.</i> <i>Includes:</i> - Dual Alternators (Total 332-Amps)	\$85.00
213	4x4 Electronic-Shift-On-The-Fly (ESOF) <i>Includes manual-locking hubs and auto rotary control on instrument panel.</i>	\$185.00
41H_	Engine Block Heater	\$90.00
62R	Transmission Power Take-Off Provision <i>Includes transmission mounted live drive and stationary mode PTO.</i>	\$280.00
67A	Dual Alternators (Total 332-Amps)	Included
63A	Utility Lighting System <i>Includes LED side-mirror spotlights.</i>	\$160.00
52B	Trailer Brake Controller <i>Includes smart trailer tow connector. Verified to be compatible with electronic actuated drum brakes only.</i>	\$270.00
18B	Platform Running Boards	\$320.00
43C	110V/400W Outlet <i>Includes 1 in-dash mounted outlet.</i>	\$75.00
76S	Remote Start System	\$195.00
585	Radio: AM/FM Stereo/Single-CD/MP3 Player <i>Includes auxiliary audio input jack and 4 speakers.</i>	Included
91M	SYNC Communications & Entertainment System	\$365.00

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Selected Options (cont'd)

Code	Description	MSRP
<i>Includes enhanced voice recognition with 911 Assist, 4.2" LCD center stack screen, AppLink and 1 smart-charging USB port and steering wheel audio controls.</i>		
Fleet Options		
17F	XL Decor Group	Included
<i>Includes: - Chrome Front Bumper</i>		
525_	Steering Wheel-Mounted Cruise Control	Included
Emissions		
425	50-State Emissions System	STD
Interior Colors		
AS_04	Medium Earth Gray	N/C
Primary Colors		
Z1_01	Oxford White	N/C
Upfit Options		
4KC	4K CRANE BODY <i>REFER TO UPFIT ALSO EMAILED</i>	\$29,920.00
45T	45 DAY TAGS	\$28.50
SUBTOTAL		\$86,148.50
Destination Charge		\$1,295.00
TOTAL		\$87,443.50

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Pricing - Single Vehicle

MSRP

Vehicle Pricing

Base Vehicle Price	\$41,740.00
Options & Colors	\$14,460.00
Upfitting	\$29,948.50
Destination Charge	\$1,295.00

Subtotal \$87,443.50

Pre-Tax Adjustments

Description

STATE CONCESSIONS	-\$3,800.00
BTFord DISCOUNT	-\$6,049.00

Total \$77,594.50

 Customer Signature

 Acceptance Date

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Beau Townsend Ford Lincoln, Inc.
1020 W. National Rd., Vandalia, Ohio, 453771025
Office: 937-898-5841

2017 F-550 Chassis, SD Regular Cab
4x4 SD Regular Cab 169" WB DRW XL(F5H)
Price Level: 755

Major Equipment

(Based on selected options, shown at right)

- Powerstroke 6.7L V-8 OHV w/diesel direct injection 330hp
- TorqShift 6 speed automatic w/OD
- * 4-wheel ABS
- * Traction control
- * LT 225/70R19.5 G BSW AT S-rated rear tires
- * Firm suspension
- * Tinted glass
- * Bluetooth wireless streaming
- * Dual power remote heated mirrors
- * 19.5 x 6 steel wheels
- * Driver and front passenger seat mounted side airbags
- * Tachometer
- * Reclining front split-bench seats
- * Side steps
- * Front axle capacity: 7000 lbs.
- * Front spring rating: 7000 lbs.
- * Frame section modulus: 17.2 cu.in.
- * Cab to axle: 84"
- * Transmission PTO Provision

- Exterior:Oxford White
- Interior:Medium Earth Gray
- * Brake assistance
- * LT 225/70R19.5 G BSW AS S-rated front tires
- * Battery with run down protection
- * Air conditioning
- * Radio grade AM/FM stereo with seek-scan, single in-dash CD player, MP3 decoder, auxiliary audio input, external memory control
- * Daytime running
- * Variable intermittent wipers
- * Dual front airbags w/passenger cancel
- * SecuriLock immobilizer
- * Message Center
- * Vinyl seats
- * Audio control on steering wheel
- * Rear axle capacity: 14706 lbs.
- * Rear spring rating: 15000 lbs.
- * Frame Yield Strength 50000 psi
- * Axle to end of frame: 47.2"
- * Engine retarder

Fuel Economy

Selected Options

	MSRP
STANDARD VEHICLE PRICE	\$41,740.00
Order Code 660A	N/C
Wheels: 19.5" Argent Painted Steel	Included
HD Vinyl 40/20/40 Split Bench Seat	Included
Monotone Paint Application	STD
169" Wheelbase	STD
50-State Emissions System	STD
Engine: 6.7L 4V OHV Power Stroke V8 Turbo Diesel B20	\$8,685.00
Transmission: TorqShift 6-Speed Automatic	N/C
Dual 78-AH 750 CCA Batteries	Included
Tires: 225/70Rx19.5G BSW Traction	\$190.00
Limited Slip w/4.88 Axle Ratio	\$360.00
GVWR: 19,500 lb Payload Plus Upgrade Package	\$1,155.00
Power Equipment Group	\$915.00
Accessory Delay	Included
Trailer Tow Mirrors w/Power Heated Glass	Included
MyKey	Included
Perimeter Anti-Theft Alarm	Included
Power Front Side Windows	Included
Power Locks	Included

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Prepared by: Colt Walden Date: 11/17/2017



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2017 F-550 Chassis, SD Regular Cab
4x4 SD Regular Cab 169" WB DRW XL(F5H)
 Price Level: 755

City
N/A



Hwy
N/A

Remote Keyless Entry	Included
SecuriLock Passive Anti-Theft System (PATS)	Included
Platform Running Boards	\$320.00
4x4 Electronic-Shift-On-The-Fly (ESOF)	\$185.00
Engine Block Heater	\$90.00
110V/400W Outlet	\$75.00
Dual Alternators (Total 332-Amps)	Included
Snow Plow Prep Package	\$85.00
Trailer Brake Controller	\$270.00
Transmission Power Take-Off Provision	\$280.00
Utility Lighting System	\$160.00
Remote Start System	\$195.00
SYNC Communications & Entertainment System	\$365.00
XL Value Package	\$720.00
4.2" Center-Stack Screen	Included
Radio: AM/FM Stereo/Single-CD/MP3 Player	Included
XL Decor Group	Included
Chrome Front Bumper	Included
Steering Wheel-Mounted Cruise Control	Included
Stainless Steel Wheel Covers (Pre-Installed)	\$410.00
Oxford White	N/C

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Office: 937-898-5841

2017 F-550 Chassis, SD Regular Cab
4x4 SD Regular Cab 169" WB DRW XL(F5H)
Price Level: 755

Medium Earth Gray	N/C
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SUBTOTAL	\$56,200.00
Destination Charge	\$1,295.00
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TOTAL	\$57,495.00

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Prepared by: Colt Walden Date: 11/17/2017



K.E. Rose Company

4595 Chambersburg Rd.
Huber Heights, OH 45424

INVOICE

DATE	INVOICE NO.
9/22/2017	59111

BILL TO
Beau Townsend Ford 1020 W National Rd Vandalia OH 45377

SHIP TO
Beau Townsend Ford 1020 W National Rd Vandalia OH 45377

RMA#

P.O. NO.	Terms	Rep	Sold By	Customer Phone	PROJECT
		LLB		898-5841	

Serviced	Description	Qty	Rate	Rcvd	Amount
9/22/2017	Furnish and install Reading CM3-132CM cranemaster body, 11 ft long, suitable for your 84 CA chassis, reinforced understructure with 4000 lb capacity crane support on rear curbside, (std 40" compartment height), treadplate steel overlay on compartment top curbside, gas prop door holders, stainless steel paddle latches, slam action tailgate, LED recessed lights per FMVSS108, shelves, dividers, body is constructed of A60 galvaneal and immersion primed with e coat primer, powdercoated white throughout interior and exterior, undercoated, installed on your supplied chassis. Body has no wheel boxes in cargo area, front of body to have aluminum overlay, mudflaps. Compartmentation sizes are as indicated in attached literature. Incorporate Reading telescoping outrigger with manual out on curbside and manual down. Treadplate outrigger bumper white. Incorporate 64" high bottle vented tank compartment on front curbside with bottle holding arrangement.	1	29,920.00	1	29,920.00T

Please remit to above address.	Sales Tax (0.0%)
	Total
	Balance Due

Phone #
937-236-9702
Fax #
937-236-9783



1770959



K.E. Rose Company

4595 Chambersburg Rd.
Huber Heights, OH 45424

INVOICE

DATE	INVOICE NO.
9/22/2017	59111

BILL TO
Beau Townsend Ford 1020 W National Rd Vandalia OH 45377


SHIP TO
Beau Townsend Ford 1020 W National Rd Vandalia OH 45377

RMA#

P.O. NO.	Terms	Rep	Sold By	Customer Phone	PROJECT
		LLB		898-5841	

Serviced	Description	Qty	Rate	Rcvd	Amount
9/22/2017	Install Betts/Buyers LED swivel work light with switch on light, aluminum castings. 1492125 Flood Light	1			
	Furnish and install Liftmore 3612REE 7-15 crane, 12000 ft lb moment rating, 12VDC planetary gear winch, 62 ft of 1/4" galvanized aircraft cable, traveling block, 18 ft pendant control, 150 amp circuit breaker, master disconnect switch, load limiting sensor, anti two block, ANSI compliant, power boom extension from 9 ft to 15 ft. Boom support. FM wireless crane control with receiver, digital voltmeter, ammeter, capable of WIFI diagnostics.	1			
	Install hitch receiver and 7 way trailer plug	1			
	Linex	1			
	Install springs to level chassis	1			
	Install backup alarm	1			

Please remit to above address.		Sales Tax (0.0%)	\$0.00
		Total	\$29,920.00
		Balance Due	

Signature 

1770959

Phone #	937-236-9702
Fax #	937-236-9783

