PUBLIC WORKS MEMORANDUM #13-2024

DATE: Feb. 26, 2024

TO: Honorable Mayor Meredith Leighty and City Council Members

Heather Geyer, City Manager Jason Loveland, Deputy City Manager J 2 THROUGH:

Kent Kisselman, PE – Director of Public Works FROM:

SUBJECT: CR-69 – Public Works Capital Equipment Purchase

PURPOSE

To consider CR-69, a resolution authorizing the City Manager to issue a purchase order for capital equipment.

BACKGROUND

The 2024 Public Works Department budget is funded for capital equipment purchases in the General Fund. The table below shows a purchase request for a 2024 Ford F-450 truck.

The Fleet Maintenance Division evaluates all vehicles every six months, looking at age, miles, hours, general condition, and necessary maintenance. Using these criteria, a condition value is assigned to each vehicle. Value 1 is a new vehicle, while vehicles with a value greater than 10 need replacement. As noted in the table below, the current F-450 has a value of 14.

Fund	Condition Rating	Item	Vendor	Budgeted Amount	Bid Amount
General	14	2024 Ford F-450	Ken Garff Ford Greeley	\$120,000	\$103,481
			TOTAL	\$120,000	\$103,481

BUDGET/TIME IMPLICATIONS

The total appropriation for this equipment is \$120,000. The total cost for the equipment is \$103,481. Delivery of the vehicle and equipment is expected by the end of April.

STAFF RECOMMENDATION

Attached to this memorandum is CR-69, a resolution that, if approved, would authorize the City Manager to issue a purchase order to Ken Garff Ford Greeley for \$103,481 to purchase a 2024 Ford F-450 truck. Staff recommends approval of CR-69.

STAFF REFERENCE

If Council Members have any questions, please contact Kent Kisselman, Director of Public Works, at kkisselman@northglenn.org or 303.450.4005.

ATTACHMENT

1. Capital Equipment Quote

CR-69 – Public Works Capital Equipment Purchase

CITY OF NORTHGLENN 2024 F-450 SHOP TRUCK

ATTACHMENT 1

JOHN WIENEKE
COMMERCIAL ACCOUNT MANAGER
KEN GARFF FORD GREELEY
4901 29TH STREET
GREELEY CO 80634
970 616-3721 DIRECT
970 673-2179 CELL
jwieneke@kengarff.com

CHASSIS AS SPEC'D BELOW\$	57,382.00
UTILITY BODY UPFITQT11121824\$	40,899.00
WINCH & BUMPER REPLACEMENT\$	5,200.00

COMPLETE VEHICLE PRICE = \$ 103,481.00

STATE AWARD 185153

2024 F-450 Chassis 4x4 SD Regular Cab 145" WB DRW XL (F4H)

Price Level: 425



Client Proposal

Prepared by: JOHN WIENEKE

Office: 970-616-3721

Email: jwieneke@kengarff.com

Date: 01/12/2024





01/12/2024

Ken Garff Ford Greeley | 4901 29th Street Greeley Colorado | 806348723

2024 F-450 Chassis 4x4 SD Regular Cab 145" WB DRW XL (F4H)

Price Level: 425

As Configured Vehicle

Description Code

Base Vehicle

F4H

Base Vehicle Price (F4H)

Packages

650A

Order Code 650A

Includes:

- Engine: 7.3L 2V DEVCT NA PFI V8 Gas

- Transmission: TorqShift 10-Speed Automatic

10R140 with neutral idle. Includes SelectShift and selectable drive modes: normal, tow/haul, eco, slippery roads and off-road.

- GVWR: 16,500 lb Payload Package

- Wheels: 19.5" x 6" Argent Painted Steel Hub covers/center ornaments not included.

- Radio: AM/FM Stereo w/MP3 Player

Includes 4 speakers.

- SYNC 4 Communications & Entertainment System

Includes enhanced voice recognition, 911 Assist, 8" LCD center stack screen, AppLink, 1 smart-charging USB port and trailer brake controller.

Powertrain

99N

Engine: 7.3L 2V DEVCT NA PFI V8 Gas

44G

Transmission: TorqShift 10-Speed Automatic

10R140 with neutral idle. Includes SelectShift and selectable drive modes:

normal, tow/haul, eco, slippery roads and off-road.

X8L

Limited Slip w/4.88 Axle Ratio

STDGV

GVWR: 16,500 lb Payload Package

Wheels & Tires

TGK

Tires: 225/70Rx19.5G BSW Traction (TGK)

Includes 4 traction tires on the rear and 2 traction tires on the front. Not recommended for over the road applications; could incur irregular front tire wear and/or NVH.

64Z

Wheels: 19.5" x 6" Argent Painted Steel

Hub covers/center ornaments not included.

512

Spare Tire & Wheel

Required in Rhode Island.

Excludes carrier.

Includes:

- 6-Ton Hydraulic Jack



As Configured Vahiola (contid)

01/12/2024

153

872

Ken Garff Ford Greeley | 4901 29th Street Greeley Colorado | 806348723

2024 F-450 Chassis 4x4 SD Regular Cab 145" WB DRW XL (F4H)

Price Level: 425

Code	Description
Seats & Seat Trim	
1	Cloth 40/20/40 Split Bench Seat
	Includes center armrest, cupholder, storage and driver's side manual lumbar.
Other Options	
PAINT	Monotone Paint Application
145WB	145" Wheelbase
STDRD	Radio: AM/FM Stereo w/MP3 Player
	Includes 4 speakers.
	Includes: - SYNC 4 Communications & Entertainment System Includes enhanced voice recognition, 911 Assist, 8" LCD center stack screen, AppLink, 1 smart-charging USB port and trailer brake controller.
473	Snow Plow Prep Package
	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. Note 3: Highly recommended to add (86M) dual battery on 7.3L gas engine. Adding (67B) 410 amp dual alternators for diesel engine is highly recommended for max power output.
41P	Transfer Case Skid Plates
61J	6-Ton Hydraulic Jack
86M	Dual 68 AH/65 AGM Battery
67B	410 Amp Dual Alternators Includes 250 Amp + 160 Amp.
18B	Platform Running Boards
59H	Center High-Mounted Stop Lamp (CHMSL)

Pre-installed content includes cab wiring and frame wiring to the rear most cross member. Upfitters kit includes camera with mounting bracket, 20' jumper wire and camera mounting/aiming instructions.

all others.

Front License Plate Bracket

Rear View Camera & Prep Kit

Standard in states requiring 2 license plates and optional to

43C 110V/400W Outlet



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2024 F-450 Chassis 4x4 SD Regular Cab 145" WB DRW XL (F4H)

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As Configured Vehicle (cont'd)

Code Description

Includes:

- Dual 68 AH/65 AGM Battery

Includes 1 in-dash mounted outlet.

Exterior Backup Alarm (Pre-Installed)

61L

76C

Front Wheel Well Liners (Pre-Installed)

Fleet Options

WARANT

Fleet Customer Powertrain Limited Warranty

Requires valid FIN code.

Ford is increasing the 5-year 60,000-mile limited powertrain warranty to 5-years, 100,000 miles. Only Fleet purchasers with a valid Fleet Identification Number (FIN code) will receive the extended warranty. When the sale is entered into the sales reporting system with a sales type fleet along with a valid FIN code, the warranty extension will automatically be added to the vehicle. The extension will stay with the vehicle even if it is subsequently sold to a non-fleet customer before the expiration. This extension applies to both gas and diesel powertrains. Dealers can check for the warranty extension on eligible fleet vehicles in OASIS. Please refer to the Warranty and Policy Manual section 3.13.00 Gas Engine Commercial Warranty. This change will also be reflected in the printed Warranty Guided distributed with the purchase of every new vehicle.

Emissions

425

50-State Emissions System

Exterior Color

Z1_01

Oxford White

Interior Color

1S_06

Medium Dark Slate w/Cloth 40/20/40 Split Bench Seat



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2024 F-450 Chassis 4x4 SD Regular Cab 145" WB DRW XL (F4H)

Price Level: 425

Selected Equip & Specs

Dimensions

• Conventional Capacity: 17,500 lbs. • GCWR: 30,000 lbs. * Fifth-wheel towing capacity: 21,800 lbs. * Gooseneck towing capacity: 21,900 lbs. • Vehicle body length: 230.7" • Vehicle body width: 80.0" • Vehicle body height: 81.5" • Wheelbase: 145.0" • Front track: 74.8" • Rear track: 74.0" • Vehicle turning radius: 21.2' • Cab to axle: 60.0" • Rear tire outside width: 93.9" • Axle to end of frame: 47.2" • Frame section modulus: 12.7 cu.in. • Frame yield strength (psi): 50000.0 • Frame rail width: 34.2" • Front bumper to front axle: 38.3" • Front bumper to back of cab: 123.7" • Front brake diameter: 15.4" • Rear brake diameter: 15.8" • Interior rear cargo volume: 11.6 cu.ft. • Max interior rear cargo volume: 11.6 cu.ft. • Total passenger volume: 64.6 cu.ft. • Headroom first-row: 40.8" • Leg room first-row: 43.9" • Shoulder room first-row: 66.7" • Hip room first-row: 62.5"

Powertrain

• 7.3L V-8 DEVCT variable valve control, engine with 335HP • Engine cylinders: V-8 • Injection Type: sequential MPI • Spark ignition system • Horsepower: 335 HP@3750 RPM • Torque: 468 lb.-ft.@3750 RPM • Radiator • Auxiliary power take-off • 10-speed automatic • Part-time 4WD • Four-wheel drive • Recommended fuel: regular unleaded * Mechanical limited slip differential • Driveline managed traction control • Auto locking hub control • Electronic transfer case shift

Fuel Economy and Emissions

· Gasoline secondary fuel type · Federal emissions

Suspension and Handling

• Firm ride suspension • Heavy-duty front shock absorbers • Heavy-duty rear shock absorbers

Driveability

• 4-wheel disc brakes • Front and rear ventilated disc brakes • 4-wheel antilock (ABS) brakes • Four channel ABS brakes • Brake assist system • Hill Start Assist • Mono-beam rigid axle front suspension • Front anti-roll bar • Front coil springs • DANA M300 rigid axle rear suspension • Leaf spring rear suspension • Rear anti-roll bar • Hydraulic power-assist steering system • Re-circulating ball steering • 2-wheel steering system

Body Exterior

• Trailer wiring harness * Running boards • 2 doors • Clearcoat paint • Monotone paint • Black fender flares • Black side window trim • Black windshield trim • Black door handles • Black front bumper • Black front bumper rub strip • 2 front tow hooks • Black grille • Black door mirrors • Manual extendable trailer mirrors • Convex spotter in driver and passenger side door mirrors • Turn signal indicator in door mirrors * LT225/70RS19.5 AT BSW front and rear tires • 19.5 x 6-inch front and dual rear argent steel wheels

Convenience

• Power door locks with 2 stage unlocking • Keyfob activated door locks • All-in-one remote fob and ignition key • Cruise control with steering wheel mounted controls • FordPass Connect smart device vehicle start control • Day/Night rearview mirror • Power first-row windows • Fixed rear windshield • Illuminated locking glove box • Illuminated glove box • Front beverage holders • 6 beverage holders • Instrument panel covered bin • Dashboard storage • Retained accessory power • PRND in IP • Trip computer • Upfitter switches • Over the air updates



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2024 F-450 Chassis 4x4 SD Regular Cab 145" WB DRW XL (F4H)

Price Level: 425

Selected Equip & Specs (cont'd)

Comfort

• Manual climate control • Cabin air filter • Cloth headliner material • Full headliner coverage • Full vinyl floor covering • Full floor coverage • Manual tilting steering wheel • Manual telescopic steering wheel • Urethane steering wheel

Seats and Trim

• Seating capacity: 3 • 40-20-40 split-bench front seat • Split-bench front seat • Driver seat with 4-way directional controls • Front passenger seat with 4-way directional controls • Height adjustable front seat head restraints • Manual front seat head restraint control • Front seat center armrest • Front seat armrest storage • Manual reclining driver seat • Manual driver seat fore/aft control • Manual reclining passenger seat • Manual passenger seat fore/aft control • Manual driver seat lumbar * Cloth front seat upholstery

Entertainment Features

• 2 total number of 1st row displays • 8 inch primary LCD display • Primary touchscreen display • AM/FM stereo radio • Invehicle audio • AM radio • FM radio • Seek scan • SYNC 4 external memory control • Speakers number: 4 • Standard grade speakers • Steering wheel mounted audio controls • SYNC 4 voice activated audio controls • Speed sensitive volume • Wireless audio streaming • Fixed audio antenna

Lighting, Visibility and Instrumentation

• Digital/analog instrumentation display • Configurable instrumentation gauges • Trip odometer • In-radio display clock • Compass • Exterior temperature display • Driver information center • Gauge cluster display size (inches): 4.20 • Tachometer • Oil pressure gauge • Engine/electric motor temperature gauge • Transmission fluid temperature gauge • Engine hour meter • Light tinted windows • Aero-composite headlights • Halogen headlights • Autolamp auto on/off headlight control • Multiple enclosed headlights • Delay-off headlights • DRL preference setting • Variable intermittent front windshield wipers • Front reading lights • Illuminated entry • Variable instrument panel light • Daytime running lights • Cab clearance lights * High mounted center stop light • Remote activated perimeter approach lighting • Fade interior courtesy lights

Technology and Telematics

• SYNC 4 911 Assist emergency SOS system via mobile device • SYNC 4 handsfree wireless device connectivity • Smart device wireless mirroring • FordPass Connect 5G mobile hotspot internet access • 2 USB ports

Safety and Security

• Driver front impact airbag • Seat mounted side impact driver airbag • Safety Canopy System curtain first-row overhead airbags • Cancellable front passenger air bag • Seat mounted side impact front passenger airbag • 6 airbags • Front height adjustable seatbelts • SecuriLock immobilizer • Remote panic alarm • Lane Departure Warning • Pre-Collision Assist with Automatic Emergency Braking (AEB) forward collision mitigation * Rear mounted camera * Back-up alarm

Dimensions

General Weights			
Curb weight	6,858 lbs.	Rear curb weight	2,978 lbs.
GVWR	16,500 lbs.	Payload	9,640 lbs.



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2024 F-450 Chassis 4x4 SD Regular Cab 145" WB DRW XL (F4H)

Price Level: 425

elected Equip & Spec	s (cont'd)		
Trailering Weights			
* Fifth-wheel towing capacity	21,800 lbs.	* Gooseneck towing capacity	21,900 lbs
Conventional capacity	17,500 lbs.	GCWR	
Front Weights			•
Front curb weight	3,880 lbs.	* GAWR front	6,500 lb
Axle capacity front	6,500 lbs.	* Spring rating front	
Tire/wheel capacity front	7,500 lbs.		-,
Rear Weights			
GAWR rear	12.880 lbs.	Axle capacity rear	12 880 lb
Spring rating rear	·	Tire/wheel capacity rear	
Off Road			
Min ground clearance	8.2"		
Exterior Measurements			
Vehicle body length	230.7"	Vehicle body width	80,0
Vehicle body height		Wheelbase	
Front brake diameter		Rear brake diameter	15.8
Rear frame height loaded		Rear frame height unloaded	35.0
Front track		Rear track	
Vehicle turning radius		Cab to axle	
Rear tire outside width		Axle to end of frame	
Frame section modulus		Frame yield strength (psi)	
Frame rail width		Front bumper to front axle	38.3
Front bumper to back of cab	123.7		
Interior Measurements	44.0 6		
Interior rear cargo volume	11.6 cu.π.	Max interior rear cargo volume	11.6 cu.f
Interior Volume			
Total passenger volume	64.6 cu.ft.		
Headroom			
Headroom first-row	40.8"		
Legroom			
Leg room first-row	43.9"		
Shoulder Room			
Shoulder room first-row	66.7"		
Hip Room			
Hip room first-row	62.5"		



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Selected Equip & Specs (cont'd)

Powertrain

Engine Engine 7.3L V-8 DEVCT variable valve control, engine with 335HP Engine cylinders Engine location Engine mounting direction Front mounted engine Engine mounting direction Engine Mounted Engine Cylinder head material Front mounted engine Aluminum cylinder head	Valves per cylinder 2 Injection type sequential MPI Ignition Spark ignition system Engine block material Iron engine block
Engine Specs Displacement 7.3L Bore 4.21" Compression ratio 10.5	cc 445 cu.in. Stroke 3.98" SAEJ1349 AUG2004 compliant
Engine Power Horsepower 335 HP@3750 RPM	Torque
Alternator Alternator amps 250A * Alternator rating 160A	* Alternator type Dual alternator
Battery ★Battery amps Battery rating 750CCA	* Battery type Dual lead acid battery Battery run down protection Battery run down
Engine Extras	protection
Radiator Radiator	Auxiliary power take-off Auxiliary power take-off
Radiator Transmission Transmission 10-speed automatic	Auxiliary power take-off Auxiliary power take-off Transmission electronic control Transmission electronic control



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Selected Equip & Specs (cont'd)

Transmission oil cooler Transmission oil cooler

PTO transmission provision PTO transmission

provision

Drive Type

4WD type Part-time 4WD

Four-wheel drive Drive type

Drivetrain

Axle ratio

4.88

Exhaust

Tailpipe

Stainless steel single exhaust

Fuel

Fuel type

regular unleaded

Fuel Tank

Fuel tank capacity

40.00 gal.

Drive Feature

* Limited slip differential

Mechanical limited

Traction control Driveline managed traction control

slip differential

Locking hub control Auto locking hub control Transfer case

Electronic transfer case shift

Provisions

* Provisions

Snow plow provisions

Fuel Economy and Emissions

Fuel Economy

Secondary fuel type

Gasoline secondary fuel

type

Emissions

Emissions

Federal emissions

Suspension and Handling

Suspension

Suspension

Firm ride suspension

Front shock absorbers Heavy-duty front shock

absorbers

Rear shock absorbers Heavy-duty rear shock

absorbers

Driveability

Brakes

Brake type.

4-wheel disc brakes

Ventilated brakes Front and rear ventilated disc

brakes



01/12/2024

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2024 F-450 Chassis 4x4 SD Regular Cab 145" WB DRW XL (F4H)

Price Level: 425

Selected Equip & Specs (cont'd) ABS brakes Four channel ABS brakes	ABS brakes 4-wheel antilock (ABS) brakes
Brake Assistance Hill start assist Hill Start Assist	Brake assist system Brake assist system
Front Suspension Anti-roll bar front Front anti-roll bar	Suspension ride type front Mono-beam rigid axle front suspension
Front Spring	
*HD front springs Heavy-duty front springs	Springs front Front coil springs
Rear Spring	
Springs rear Rear leaf springs	Rear springs Heavy-duty rear springs
Rear Suspension	
Anti-roll bar rear Rear anti-roll bar	Suspension type rear Leaf spring rear suspension
Suspension ride type rear DANA M300 rigid axle rear suspension	
Steering Steering Hydraulic power-assist steering system Steering type number of wheels 2-wheel steering system	Steering type Re-circulating ball steering
Exterior	
Front Wheels	
Front wheels diameter 19.5"	Front wheels width 6'
Rear Wheels	
Rear wheels diameter 19.5"	Rear wheels width 6
Front And Rear Wheels	
Appearance argent	Material stee
Front Tires	
Aspect 70	Diameter 19.5
Sidewalls BSW	Speed Style
005	1,100
Width 225mm	* Front wheel - RPM 648
Rear Tires	
Aspect 70	Diameter 19.5
Sidewalls	Speed

SPONSORED BY: MAYOR LEIGHTY		
COUNCIL MEMBER'S RESOLUTION	RESOLUTION NO.	
No. <u>CR-69</u> Series of 2024	Series of 2024	
A RESOLUTION AUTHORIZING THE CITY TO KEN GARFF FORD GREELEY FOR A T FOR THE PURCHASE OF ONE FORD F-450		
BE IT RESOLVED BY THE CITY C COLORADO, THAT:	OUNCIL OF THE CITY OF NO	RTHGLENN
Section 1. The City Manager is here Garff Ford Greeley in an amount not to exceed \$450 truck and associated equipment for the Publ	\$103,481.00 for the purchase of one	
DATED at Northglenn, Colorado, this _	day of	, 2024.
	MEREDITH LEIGHTY Mayor	
ATTEST:		
JOHANNA SMALL, MMC City Clerk		
APPROVED AS TO FORM:		
COREY Y. HOFFMANN		

City Attorney