

12. Consideration of purchasing a John Deere CAT Loader (\$196,763) and 2024 Toyota Corolla pool vehicle (\$23,394) for the Public Works Department utilizing various funding sources.



## LEGISLATIVE MEMORANDUM

**TO:** Honorable Mayor and Members of the City Council

**FROM:** Suzanne Sherman, City Manager

**THRU:** Valentino Perez, Public Works Director

**DATE:** August 13, 2024

**RE:** Consideration of purchasing a John Deere CAT Loader (\$196,763) and 2024 Toyota Corolla pool vehicle (\$23,394) for the Public Works Department utilizing various funding sources.

### SUMMARY:

The Public Works Department is seeking approval to utilize undesignated fund balance in the amount of \$86,305 and to transfer insurance proceeds in the amount of \$110,458 from Fleet Services to Public Works General Fund to purchase one (1) replacement CAT Loader for a total cost of \$196,763. Public Works also requests to transfer auctioned surplus proceeds of \$5,906 from Fleet Service Fund to Public Works General Fund to supplement the cost of \$23,394 to purchase one (1) replacement pool vehicle. The remainder of the costs for the replacement pool vehicle will come from reducing funding in two operating accounts, specifically moving \$9,000 from 001-7011-541-5501 Training and Education and \$8,488 from 001-7017-541-5501 Training and Education.

The new CAT loader will replace a 20-year-old CAT loader asset #6566, damaged in FY 2023 during a fire incident. The City received insurance proceeds for the damages for \$110,458, which will be utilized towards purchasing the replacement, CAT Loader. The replacement of this machine is needed because it was used in our daily operation needs in the various projects done by the operation department, such as pipe jobs, loading dump trucks with fill and material to haul to job sites, grading, and pushing piles of dirt or moving materials.

The new pool vehicle will replace two auctioned surplus vehicles (#5807 and #6116), which have surpassed their useful life. The \$5,906 revenue generated from the auctioned vehicle surplus is currently in the Fleet Service account. Public Works requests to transfer the auctioned proceeds to the Public Works General Fund to supplement the replacement pool vehicle's cost. The replacement pool vehicle will be available to Public Works employees who must travel to attend training and sometimes require overnight stays for training. The approval of these requests will benefit the department tremendously.

**REQUESTING DEPARTMENTS:**

Public Works

**FISCAL IMPACT:**

Upon Council approval, funds in the amount of \$86,305 will be transferred from General Fund Undesignated Fund Balance 001-0000-392-1001 and \$110,458 from Fleet Services Fund 521-7070-519-6401 to 001-7034-541-6401 Machinery & Equipment to purchase the Cat Loader. Funds will be transferred in the amount of \$5,906 from Fleet Service Fund 521-7070-519-6403 and from General Fund; \$9,000 from 001-7011-541-5501 Training and Education and \$8,488 from 001-7017-541-5501 Training and Education, to GF/001 account 001-7011-541-6403 Light Vehicles to purchase the Pool Vehicle.

**STAFF RECOMMENDATION:**

Motion to approve the purchase a John Deere 544G CAT Loader and a 2024 Toyota Corolla Pool Vehicle for Public Works.

**ATTACHMENTS:**

1. Vendor Quotes for Cat Loader
2. Vendor Quotes for Pool Vehicle

Jack Condrey  
Governmental Territory Manager  
**Dobbs Equipment LLC**  
4333 N John Young Pkwy  
Orlando, FL 32804  
Cell (863) 393-8023  
Jack.condrey@dobbsequipment.com



**Florida Sheriff's Association  
Florida Association of Counties  
Contract FSA23-EQU21.0  
Wheel Loader - 3.0 CYD Bucket  
Spec #244**

**July 17, 2024**

**Bill Watkins**  
City of Palm Bay

**Dobbs Equipment** is pleased to quote you the following equipment per contract specification:

One new **John Deere 524P Wheel Loader**

<b>Contract Price:</b>	<b>\$ 205,300.00</b>
Downgrade to a John Deere 544G Wheel Loader	<b>\$ (22,900.00)</b>

Equipment on 544G Loader quoted on contract includes:

4021	JD Powertech 6.8L Final Tier 4 Diesel Engine
183E	JD Link Machine Monitoring, Lifetime
0601	Quiet Cab with Heat & A/C
0601	Mechanical Suspension Fabric Seat
7053	Joystick Controls w 2-Function Hydraulics
0951	Rear Reversing Camera
5174	20.5R25 Radial Tires
7876	3.0 CYD General Purpose Bucket

**Stated Options**

7403	Hydraulic Quick Coupler	\$ 4,867.00	
8505-1	<u>Transmission and Bottom Guards</u>	<u>\$ 1,708.00</u>	
<b>Stated Options Total:</b>			<b>\$ 6,575.00</b>

**Non-State Options**

0602	Level-2 Trim	\$ 6,440.00	
<i><u>Includes: Air Ride Seat, AM/FM Radio, Ride Control</u></i>			
0652	Level-2 Performance Package	<u>\$ 2,576.00</u>	
<i><u>Includes: Front Locking Differential, Rear Open Differential</u></i>			
Non-Stated Options Sub-Total:		\$ 9,016.00	
<u>Less FSA Contract Discount of 20%</u>		<u>\$ 1,803.20</u>	
<b>Non-Stated Options Total:</b>			<b>\$ 7,212.80</b>

**Non-Contract Options**

Lubecore Progressive 6-Liter Pump Auto Grease System

\$ 8,275.00

Tinted Windows - Front, Rear and Sides

\$ 800.00

**Dobbs Equipment One Time Discount****\$ (8,500.00)****Total Delivered Price to City of Palm Bay****\$ 196,762.80**

Call Us first, for all of your Fleet Automotive, & Light Truck needs.

Quote

PHONE (800) ALANJAY (252-6529)		DIRECT 863-385-9610	WWW.ALANJAY.COM	55686-1
Corporate Office	2003 U.S. 27 South Sebring, FL 33870	MOBILE 904-838-4999	Mailing Address	P.O. BOX 9200 Sebring, FL 33871-9200
		FAX 863-402-4221		

ORIGINAL QUOTE DATE  
7/11/2024

## QUICK QUOTE SHEET

REVISED QUOTE DATE  
7/11/2024

REQUESTING AGENCY	PALM BAY, CITY OF			
CONTACT PERSON	DEBBIE FEINGOLD	EMAIL	DEBRA.FEINGOLD@PALMBAYFLORIDA.ORG	
PHONE	321-952-3424	MOBILE	FAX	

### CONTRACT NUMBER 5179 - 2024 CITY OF TALLAHASSEE

MODEL	1852	MSRP	\$22,995.00
2024 TOYOTA COROLLA FWD LE			
CUSTOMER ID	In stock, Subject to Availability	GOVERNMENT PRICE	\$21,715.00

BED LENGTH

\*\* All vehicles will be ordered white w/ darkest interior unless clearly stated otherwise on purchase order.

FACTORY OPTIONS	DESCRIPTION	
040	OPTIONS Ice Cap	\$0.00
FB20	BLACK, FABRIC SEAT TRIM	\$0.00
2.0L	2.0L DOHC 4-Cylinder Engine with Xtronic Continuously Variable (CVT) transmission.	\$0.00
FE	50 State Emissions	\$0.00
MR10	CUSTOM EQUIPMENT Toyota All Weather Floor Mats	\$399.00
PW PL	Power Windows & Locks (Incl)	\$0.00
RKE	Remote Keyless Entry	\$0.00
BT	BLUE TOOTH (STD)	\$0.00
BUC	Back Up Camera	\$0.00

AFTERMARKET OPTIONS	DESCRIPTION	FACTORY OPTIONS	\$399.00
NO-TEMP	TEMP TAG NOT REQUESTED, CUSTOMER WILL HANDLE THEIR OWN TAG WORK.		\$0.00
		AFTERMARKET OPTIONS	\$0.00

TRADE IN	TOTAL COST	\$22,114.00
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YES WE TAKE TRADE INS ~~~ ASK ABOUT MUNICIPAL FINANCING ~~~

TOTAL COST LESS TRADE IN(S)	QTY	1	\$22,114.00
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Estimated Annual payments for 60 months paid in advance: \$5,084.47  
Municipal finance for any essential use vehicle, requires lender approval, WAC.

Comments	ORDERED UNIT VIN: [RP185665]
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VEHICLE QUOTED BY	CHRISTY SELF	GOVERNMENT ACCOUNT MANAGER	christy.self@alanjay.com
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"I Want to be Your Fleet Provider"

I appreciate the opportunity to submit this quotation. Please review it carefully. If there are any errors or changes, please feel free to contact me at any time.  
I am always happy to be of assistance.



# Alan Jay Fleet Sales

Chris Wilson | 863-402-4234 | chris.wilson@alanjay.com

Vehicle: [Fleet] 2024 Toyota Corolla (1852) LE CVT (SE) ( Complete )



**Note:**Photo may not represent exact vehicle or selected equipment.

## Window Sticker

### SUMMARY

[Fleet] 2024 Toyota Corolla (1852) LE CVT (SE)

MSRP:\$21,900.00

Interior:Black, Premium Fabric Seat Trim

Exterior 1:Ice Cap

Exterior 2:No color has been selected.

### OPTIONS

CODE	MODEL	MSRP
1852	[Fleet] 2024 Toyota Corolla (1852) LE CVT (SE)	\$21,900.00
OPTIONS		
040	Ice Cap	\$0.00
FB20	Black, Premium Fabric Seat Trim	\$0.00
FE	50 State Emissions	\$0.00
CUSTOM EQUIPMENT		
MR10	Toyota All Weather Floor Mats	\$399.00
SUBTOTAL		\$22,299.00
Adjustments Total		\$0.00

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Data Version: 20368. Data Updated: Sep 4, 2023 6:41:00 PM PDT.



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Vehicle: [Fleet] 2024 Toyota Corolla (1852) LE CVT (SE) (  Complete )

Destination Charge	\$1,095.00
<b>TOTAL PRICE</b>	<b>\$23,394.00</b>

## FUEL ECONOMY

Est City:32 (2023) MPG  
Est Highway:41 (2023) MPG  
Est Highway Cruising Range:541.20 mi

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Vehicle: [Fleet] 2024 Toyota Corolla (1852) LE CVT (SE) (  Complete )

### Standard Equipment

#### Mechanical

Engine: 2.0L I-4 DOHC 16-Valve -inc: Dynamic force

Engine Auto Stop-Start Feature

Transmission w/Sequential Shift Control

Transmission: Continuously Variable (CVT)

Front-Wheel Drive

3.79 Axle Ratio

Battery w/Run Down Protection

Gas-Pressurized Shock Absorbers

Front And Rear Anti-Roll Bars

Electric Power-Assist Steering

13.2 Gal. Fuel Tank

Single Stainless Steel Exhaust

Strut Front Suspension w/Coil Springs

Torsion Beam Rear Suspension w/Coil Springs

4-Wheel Disc Brakes w/4-Wheel ABS, Front Vented Discs, Brake Assist, Hill Hold Control and Electric Parking Brake

Tv Tuner Pre-Wiring

#### Exterior

Wheels w/Full Wheel Covers

Wheels: 16" Wide Vent Steel

Tires: P205/55R16 All-Season

Steel Spare Wheel

Compact Spare Tire Mounted Inside Under Cargo

Clearcoat Paint

Body-Colored Front Bumper

Body-Colored Rear Bumper w/Black Rub Strip/Fascia Accent

Black Side Windows Trim

Body-Colored Door Handles

Body-Colored Power Side Mirrors w/Manual Folding

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Vehicle: [Fleet] 2024 Toyota Corolla (1852) LE CVT (SE) ( Complete )

## Exterior

Fixed Rear Window w/Defroster

Light Tinted Glass

Variable Intermittent Wipers

Fully Galvanized Steel Panels

Black Grille

Trunk Rear Cargo Access

Auto On/Off Projector Beam Led Low/High Beam Daytime Running Auto High-Beam Headlamps w/Delay-Off

LED Brakelights

Headlights-Automatic Highbeams

## Entertainment

Radio w/Seek-Scan, Clock, Speed Compensated Volume Control, Steering Wheel Controls, Voice Activation, Radio Data System and External Memory Control

Radio: 8" Toyota Audio Multimedia -inc: 6 speakers, wireless Apple CarPlay and Android Auto compatibility and SiriusXM w/3-month Platinum Plan trial subscription, See [toyota.com/audio-multimedia](https://toyota.com/audio-multimedia) for details

Streaming Audio

Integrated Roof Antenna

Bluetooth Wireless Phone Connectivity

2 LCD Monitors In The Front

## Interior

Driver Seat

Passenger Seat

60-40 Folding Bench Front Facing Fold Forward Seatback Rear Seat

Manual Tilt/Telescoping Steering Column

Gauges -inc: Speedometer, Odometer, Engine Coolant Temp, Tachometer, Trip Odometer and Trip Computer

Power Rear Windows

Wi-Fi Connect with 30-day or up to 3GB trial subscription Mobile Hotspot Internet Access

Front Bucket Seats -inc: 6-way adjustable driver's seat, 4-way adjustable front passenger seat and seatback pocket

Front Cupholder

Rear Cupholder

Remote Keyless Entry w/Integrated Key Transmitter, Illuminated Entry, Illuminated Ignition Switch and Panic Button


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### Interior

Remote Releases -Inc: Mechanical Cargo Access and Mechanical Fuel

Cruise Control w/Steering Wheel Controls

Distance Pacing w/Traffic Stop-Go

Automatic Air Conditioning

HVAC -inc: Underseat Ducts

Glove Box

Driver Foot Rest

Interior Trim -inc: Piano Black/Metal-Look Instrument Panel Insert, Piano Black/Metal-Look Console Insert and Metal-Look Interior Accents

Full Cloth Headliner

Urethane Gear Shifter Material

Premium Fabric Seat Trim

Day-Night Rearview Mirror

Driver And Passenger Visor Vanity Mirrors w/Driver And Passenger Illumination, Driver And Passenger Auxiliary Mirror

Full Floor Console w/Covered Storage and 1 12V DC Power Outlet

Front Map Lights

Fade-To-Off Interior Lighting

Full Carpet Floor Covering

Carpet Floor Trim and Carpet Trunk Lid/Rear Cargo Door Trim

Cargo Area Concealed Storage

Cargo Space Lights

FOB Controls -inc: Cargo Access and Windows

Safety Connect (up to 10-year trial subscription) Tracker System

Driver / Passenger And Rear Door Bins

Power 1st Row Windows w/Front And Rear 1-Touch Up/Down

Delayed Accessory Power

Power Door Locks w/Autolock Feature

Driver Information Center

Trip Computer

Outside Temp Gauge


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## Interior

Analog Appearance

Seats w/Cloth Back Material

Manual Adjustable Front Head Restraints and Manual Adjustable Rear Head Restraints

Front Center Armrest and Rear Center Armrest

Immobilizer

1 12V DC Power Outlet

Air Filtration

## Safety-Mechanical

Lane Tracing Assist (LTA)

Electronic Stability Control (ESC)

ABS And Driveline Traction Control

## Safety-Exterior

Side Impact Beams

## Safety-Interior

Dual Stage Driver And Passenger Seat-Mounted Side Airbags

Safety Connect (up to 10-year trial subscription) Emergency Sos

Pre-Collision System (PCS)

Lane Departure Alert (LDA) w/Steering Assist Lane Keeping Assist

Lane Departure Alert (LDA) w/Steering Assist Lane Departure Warning

Collision Mitigation-Front

Driver Monitoring-Alert

Evasion Assist

Low Tire Pressure Warning

Dual Stage Driver And Passenger Front Airbags

Curtain 1st And 2nd Row Airbags

Airbag Occupancy Sensor

Driver Knee Airbag, Rear Side-Impact Airbag and Passenger Cushion Front Airbag

Rear Child Safety Locks

Outboard Front Lap And Shoulder Safety Belts -inc: Rear Center 3 Point, Height Adjusters and Pretensioners

Back-Up Camera


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## WARRANTY

- Basic Years: 3
- Basic Miles/km: 36,000
- Drivetrain Years: 5
- Drivetrain Miles/km: 60,000
- Corrosion Years: 5
- Corrosion Miles/km: Unlimited
- Roadside Assistance Years: 2
- Roadside Assistance Miles/km: Unlimited
- Maintenance Years: 2
- Maintenance Miles/km: 25,000

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## Technical Specifications

### Powertrain

#### Transmission

Drivetrain	Front Wheel Drive	Trans Order Code	N/A
Trans Type	10	Trans Description Cont.	Automatic/CVT w/OD
Trans Description Cont. Again	N/A	First Gear Ratio (:1)	3.38
Second Gear Ratio (:1)	2.24	Third Gear Ratio (:1)	0.45
Fourth Gear Ratio (:1)	N/A	Fifth Gear Ratio (:1)	N/A
Sixth Gear Ratio (:1)	N/A	Reverse Ratio (:1)	3.14
Clutch Size	N/A	Final Drive Axle Ratio (:1)	3.79
Seventh Gear Ratio (:1)	N/A	Eighth Gear Ratio (:1)	N/A
Ninth Gear Ratio (:1)	N/A	Tenth Gear Ratio (:1)	N/A

#### Mileage

EPA Fuel Economy Est - Hwy	41 (2023) MPG	Cruising Range - City	422.40 mi
EPA Fuel Economy Est - City	32 (2023) MPG	Fuel Economy Est-Combined	35 (2023) MPG
Cruising Range - Hwy	541.20 mi	EPA MPG Equivalent - City	N/A
EPA MPG Equivalent - Hwy	N/A	EPA MPG Equivalent - Combined	N/A
Estimated Battery Range	N/A		

#### Engine

Engine Order Code	N/A	Engine Type	Regular Unleaded I-4
Displacement	2.0 L/121	Fuel System	Port/Direct Injection
SAE Net Horsepower @ RPM	169 @ 6600	SAE Net Torque @ RPM	151 @ 4400

#### Electrical

Cold Cranking Amps @ 0° F (Primary)	N/A	Maximum Alternator Capacity (amps)	N/A
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#### Cooling System

Total Cooling System Capacity	N/A		
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## Vehicle

### Emissions

Tons/yr of CO2 Emissions @ 15K mi/year	5.0 (2023)	EPA Greenhouse Gas Score	N/A
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### Vehicle

EPA Classification	Compact Cars
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## Chassis

### Weight Information

Base Curb Weight	2955 lbs
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### Trailer

Dead Weight Hitch - Max Trailer Wt.	N/A	Dead Weight Hitch - Max Tongue Wt.	N/A
Wt Distributing Hitch - Max Trailer Wt.	N/A	Wt Distributing Hitch - Max Tongue Wt.	N/A

### Suspension

Suspension Type - Front	Strut	Suspension Type - Rear	Torsion Beam
Suspension Type - Front (Cont.)	Strut	Suspension Type - Rear (Cont.)	Torsion Beam
Shock Absorber Diameter - Front	N/A	Shock Absorber Diameter - Rear	N/A
Stabilizer Bar Diameter - Front	N/A	Stabilizer Bar Diameter - Rear	N/A

### Tires

Front Tire Order Code	N/A	Rear Tire Order Code	N/A
Spare Tire Order Code	N/A	Front Tire Size	P205/55HR16
Rear Tire Size	P205/55HR16	Spare Tire Size	Compact

### Wheels

Front Wheel Size	16 X 7 in	Rear Wheel Size	16 X 7 in
Spare Wheel Size	Compact in	Front Wheel Material	Steel
Rear Wheel Material	Steel	Spare Wheel Material	Steel

### Steering

Steering Type	Rack-Pinion	Steering Ratio (:1), Overall	N/A
Lock to Lock Turns (Steering)	N/A	Turning Diameter - Curb to Curb	35.6 ft

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## Chassis

### Steering

Turning Diameter - Wall to Wall	N/A
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### Brakes

Brake Type	4-Wheel Disc	Brake ABS System	4-Wheel
Brake ABS System (Second Line)	N/A	Disc - Front (Yes or )	Yes
Disc - Rear (Yes or )	Yes	Front Brake Rotor Diam x Thickness	10.8 in
Rear Brake Rotor Diam x Thickness	10.2 in	Drum - Rear (Yes or )	N/A
Rear Drum Diam x Width	N/A		

### Fuel Tank

Fuel Tank Capacity, Approx	13.2 gal	Aux Fuel Tank Capacity, Approx	N/A
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## Dimensions

### Interior Dimensions

Passenger Capacity	5	Passenger Volume	88.6 ft³
Front Head Room	38.3 in	Front Leg Room	42 in
Front Shoulder Room	54 in	Front Hip Room	53.9 in
Second Head Room	37.1 in	Second Leg Room	34.8 in
Second Shoulder Room	51.7 in	Second Hip Room	51.3 in

### Exterior Dimensions

Wheelbase	106.3 in	Length, Overall	182.5 in
Width, Max w/o mirrors	70.1 in	Height, Overall	56.5 in
Track Width, Front	60.3 in	Track Width, Rear	61 in
Min Ground Clearance	5.3 in	Liftover Height	N/A

### Cargo Area Dimensions

Trunk Volume	13.1 ft³
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