



MEETING DATE: August 14, 2024

AGENDA ITEM: 10. Backhoe Purchase

FROM: Susan Scarlett

RE: Backhoe Purchase - Caterpillar

BACKGROUND:

In 2011 the City purchased a backhoe which has lasted 13 years. At this time Public Works is in need of a new backhoe. A backhoe is critical to the functions of Public Works. The old backhoe is being repaired and will serve as a backup if the repair is successful.

The quote is attached and is from a company that is part of the Omnia partners as are we and our contract number is 212816. This provides government procurement without going out to bid. Even so, Public Works director Todd Roberts checked out a John Deere backhoe which came in at a higher price.

Staff requested lease information which was reviewed. The interest rate on a lease through Cat Financial would be 8.49% or higher and lease options also cap the number of hours allowed per year on the machine.

RECOMMENDATION:

Approve the purchase of a Caterpillar 420 Backhoe Loader and approve a budget amendment to split the purchase price as follows:

45 % Water

45% Sewer

10% Snow Removal

FISCAL IMPACT:

\$166,768.48 (includes tax). \$75,045.82 to Water, \$75,045.82 to Sewer and \$16,676.84 to Snow Removal of which 1/2 will be reimbursed through Highway User Tax Funds.

ATTACHMENTS:

A. CATERPILLAR QUOTE



7/23/2024

CITY OF PORTOLA
35 THIRD AVENUE
PORTOLA, CA 96122
ATTN: TODD ROBERTS

Dear TODD,

On behalf of Empire Machinery and Caterpillar Inc., we are pleased to quote the following.

2024 New Caterpillar 420 Backhoe Loader w/ 4WD, IT Coupler, E-Stick, Cab, AC, Plumbed, MP Bucket, Thumb, and 24" Rear Bucket.

Standard Equipment

BOOMS, STICKS, AND LINKAGES

BACKHOE

- 14'4" Center pivot backhoe
4.3 Meters
- Boom and swing transport locks
- Pilot operated backhoe and
electro hydraulic stabilizer controls
- Street type stabilizer shoes
- Anti-drift hydraulics (boom, stick,
and E-stick)
- Cat Cushion Swing(tm) system

LOADER

- Single Tilt Loader
- Lift cylinder brace
- Self-leveling loader with single
lever control
- Return-to-dig
(automatic bucket positioner)
- Transmission neutralizer switch
- Bucket level indicator

POWERTRAIN

- Water separator
- Thermal starting aid system
- Dry type axial seal air cleaner with
integral precleaner
- Automatic dust ejection system
- Filter condition indicator

HYDRAULICS (continued)

- Pilot control shutoff switch
- Flow-sharing hydraulic valves
- Hydraulic suction strainer

ELECTRICAL

- 12 volt electrical start
- Horn, front and rear
- Backup alarm
- Hazard flashers/turn signals
- Halogen head lights (2)
- Halogen rear flood lights (2)
- Stop and tail lights
- Audible system fault alarm
- Key start/stop system
- 850 CCA maintenance free battery
- Battery disconnect switch
- External Power Receptacle (12v)
- Diagnostic ports for engine and
machine Electronic Control Modules

OPERATOR ENVIRONMENT

- Interior rearview mirror
- ROPS canopy, Rear Fenders
- 2-inch (50mm) retractable seat belt
- Tilt steering column
- Steering knob
- Hand and foot throttle

POWERTRAIN (continued)

- Hydraulically boosted multi-plate wet disk brake with dual pedals & interlock
- Differential lock
- Torque converter
- Transmission-four speed manual shift
- Neutral safety switch
- Spin-on filters for Fuel
- Engine oil
- Transmission oil
- Outboard Planetary Rear Axles
- Diesel particulate filter
- Hydrostatic power steering

HYDRAULICS

- Pilot hoe and mechanical loader controls
- Load sensing, variable flow system with 43 gpm (162 L/min) axial piston pump
- 6 micron hydraulic filter
- Caterpillar XT-3 hose
- Hydraulic oil cooler

OPERATOR ENVIRONMENT (continued)

- Automatic Engine Speed Control
- One Touch Low Idle
- Floor mat and Coat Strap
- Lockable storage area
- Air suspension seat

FLUIDS

- Antifreeze - Extended Life Coolant -20F (-30C)

OTHER STANDARD EQUIPMENT

- Standard Storage Box
- Transport tie-down points
- Ground line fill fuel tank with 42.3 gal (160L) capacity & 5 gal (19L) diesel exhaust fluid
- Rubber impact strips on radiator guard
- Safety Manual
- Operations and Maintenance Manual
- Lockable hood
- Tire Valve Stem Protection

Additional Configuration Included in the Sales Price:

Ref #	Description	Price
5427992	420 BACKHOE LOADER	\$112,330
6429588	TRIM PACKAGE 3	\$51,190
	TRIM PACKAGE 3 INCLUDES	\$0
5440883	CAB, DELUXE	\$0
5427774	HYDRAULICS, MP, 6FCN/8BNK, ST	\$0
5441066	PT, 4WD/2WS, POWERSHIFT	\$0
5434284	STICK, EXTENDABLE, 14FT	\$0
5455048	DISPLAY, TOUCH SCREEN	\$0
4916736	WORKLIGHTS (8) LED LAMPS	\$0
6110339	SEAT, DELUXE FABRIC	\$0
5427810	AIR CONDITIONER, T4F	\$0
3379696	COUNTERWEIGHT, 1015 LBS	\$0
5516453	RIDE CONTROL	\$0
5481231	LINES, COMBINED AUX, E-STICK	\$0
5402298	STANDARD RADIO (12V)	\$0

Additional Configuration Included in the Sales Price (continued):

5516940	COLD WEATHER PACKAGE, 120V	\$0
5675090	AUTO-UP STABILIZERS	\$0
4237607	PLATE GROUP - BOOM WEAR	\$0
3531389	GUARD, STABILIZER	\$0
	END OF TRIM PACKAGE INCLUDES	\$0
5419540	ENGINE, 74.5KW, C3.6 DITA, T4F	\$12,360
2061748	SEAT BELT, 3" SUSPENSION	\$187
6394880	PRODUCT LINK, CELLULAR, PLE643	\$0
3792161	TIRES, 12.5 80/19.5L-24, GY	\$3,070
9R6007	STABILIZER PADS, FLIP-OVER	\$435
5458548	LOADER BUCKET PINS	\$0
5968446	KIT, LOADER FRONT COUPLER	\$5,924
2322698	BUCKET-MP, 1.4 YD3, IT, BOCE	\$8,306
9R5320	CUTTING EDGE, TWO PIECE,WIDE	\$329
5590872	INSTRUCTIONS, ANSI	\$0
4218926	SERIALIZED TECHNICAL MEDIA KIT	\$0
0P0210	PACK, DOMESTIC TRUCK	\$0
4616839	SHIPPING/STORAGE PROTECTION	\$263
4621033	RUST PREVENTATIVE APPLICATOR	\$141
5441901	REAR COUPLER, PIN LOCK, BL F	\$1,528
0P9002	LANE 2 ORDER	\$0
2825409	THUMB, HYDRAULIC, NO TINE, BHL	\$6,431
2214284	THUMB, TINE, A 2	\$488
2471950	BUCKET-HD, 24", 7.3 FT3 PL	\$2,160
	CATERPILLAR LIST PRICE	\$205,142

Pricing Summary

Caterpillar List Price:	\$205,142.00
Less OMNIA PARTNERS Cooperative Contract #212816 (22%):	(\$45,131.24)
Less Additional Empire Discount (4%):	<u>(\$8,205.68)</u>
Sub Total:	\$151,805.08
Labor to Install IT Coupler:	\$2,200.00
Extended Warranty (see details below):	\$1,490.00
Total Sale Price:	\$155,495.08

Warranty: Caterpillar Power Train Plus Hydraulic Warranty for 60 months or 3,000 hours, whichever occurs first. Includes twelve (12) months of travel time and mileage cost for warrantable repairs.

Training: On-site operating and safety training provided by CAT certified product specialist to ensure machine is run properly to reduce operating costs, reduce unnecessary machine wear and tear, maximize productivity, and increase safety awareness.

If you have any questions regarding this information please let me know. Thank you for allowing Empire Machinery to assist with your Caterpillar equipment needs.

Sincerely,

Dylen Getz
Empire Southwest
Account Manager
(775)835-7470
Dylen.Getz@empire-cat.com

This quote is good for thirty days and prices are subject to change. All finance options are subject to credit approval. By purchasing goods or services from Empire, you agree to Empire's Terms (www.empire-cat.com/salesserviceterms), which are incorporated into this quote. Due to market issues outside of Empire's control, any tires listed on this quote may not be available at time of shipment. All tire makes, models and costs are subject to change.