



City of Needles, California Request for Council Action

☒ CITY COUNCIL/NPUA ☐ Board of Public Utilities ☒ Regular ☐ Special

Meeting Date: October 10, 2023

Title: Authorize the Purchase of a Terex TC55 Optima 2023 Freightliner from Custom Truck not to exceed \$243,785

Background: The City of Needles is a registered member of Sourcewell. Sourcewell is a government agency that have bene providing cooperative purchasing programs throughout North American for over 40 years. They are a trusted industry leader with one mission, "to help government, education and non-profits work more efficiently". Sourcewell completes the procurement purchasing to obtain the lowest price.

The electric department has historically purchased bucket trucks through vendors approved by Sourcewell. California Air Resource Board (CARB) requires all fleet to be CARB compliant.

This new Terex TC55 Optima 2023 Freightliner will be replacing the 1995 International 55-foot bucket. The current bucket truck is not CARB compliant and there are multiple mechanical failures. **The Board of Public Utilities approved the recommended action on 10/3/23.**

Fiscal Impact: The electric department has a vehicle replacement balance of \$390,681 as of June 30, 2023.

Recommended Action: Authorize the Purchase of a Terex TC55 Optima 2023 Freightliner from Custom Truck not to exceed \$243,785

Submitted By: Justin Scott, Linecrew Supervisor

City Management Review: *Rich*

Date: 10/3/23

Approved: ☐

Not Approved: ☐

Tabled: ☐

Other: ☐

Agenda Item: 7



Terex TC55 Optima

2023 Freightliner M2106 4x4

CARB 2022 COMPLIANCE IS NOT INCLUDED IN PRICE
CALIFORNIA AND OTHER OPT-IN STATES ADD UP TO \$4,500

QR-045360 Sourcewell #110421-TER

CHASSIS SPECS

ENGINE

Cummins 300HP
(2) Alliance 12V Batteries
18.7 CFM Air Compressor
115V Block Heater

TRANSMISSION

Allison Automatic
w/ PTO Provision

FRONT AXLE

FAWR: 14,000 lbs
Tires: 11R22.5 14-Ply
Aluminum Wheels

Suspension:

Taperleaf 14,600 lbs
Front Shock Absorbers
Ratio 5.57

REAR AXLES

DA-RS-21.0-4 Rear Axle
RAWR: 21,000 lbs R-Series
Tires: 11R22.5 14-Ply
Steel Wheels

Differential Lock

Suspension:
Variable Multi-Leaf 23,000 lbs.
52" w/ Rubber Helper
Ratio 5.56

FUEL TANKS

50 Gal. Aluminum-LH
6 Gallon DEF Tank

BRAKE SYSTEM

Air Brakes

EQUIPMENT SPECS

AERIAL SPECIFICATIONS:

Terex Hi-Ranger Optima TC55 Insulated Non-Overcenter Aerial Device Providing A Working Height Of 60.0 Ft And A Side Reach Of 42.8 Ft. A Self Locking Worm Gear Rotation Drive Is Provided And Equipped With A Bi-Directional Motor. Continuous & Unrestricted Rotation Boom w/116 Degree Lower Boom Articulation To Ground Access In The Non-Overcenter Position. Lower Boom: Filament Wound High Strength Fiberglass Insert Providing An Insulation Gap. Upper Boom: Filament Wound Tapered Fiberglass Boom Providing A Clear Span Insulation Gap. Upper Boom Rest With A Cam Type Tie Down Strap. Boom Tip With Hydraulic Platform Rotator. Upper Controls: "Control-Plus" Single Stick Controller. Platform Leveling Control, Hydraulic Platform Tilt Is Provided At Platform And Lower Controls. Engine Stop/Start Controlled At Platform And Lower Controls. Engine Throttle Advance

Dual Hydraulic Tool Outlets At Platform With Flow Control. Lower Controls: Individual Control Levers Are Provided And Located In An Accessible Location On The Turntable. An Upper/Lower Control Selector Provides Override Of Platform Controls.

Aerial Device Is Designed As A Category B Machine In Accordance With ANSI/SIA A92.2-2015.

The Upper And Lower Boom Will Be Articulated Independently.

Terex South Dakota Inc. Can Only Test Up To 69kv When This Option Is Ordered. Can Be Rated From 46KV Up To 69KV Per ANSI/SIA A92.2-2015 Depending On: Model, Options And Fiberglass Length - Must Specify KV Rating When Ordering.

Demand Throttle Disable

Side Mounted Fiberglass Platform 24" X 48" X 42": (Curbside) 700 Lbs. Rated Platform Capacity. Insulated Platform Liner For 24" X 48" X 42" Platform

Vinyl Platform And Control Cover For 24" X 48" Platform

Simplified Compact Hydraulic Extend Under Load Jib And Winch

Infinite Positioning Through The 120-Degree Articulation Envelope (-20 To +105 Degrees) Load Radius Of 0 To 65" - Hydraulic Extension To Reposition The Jib (No Re-Pinning Required). Includes A 2000 Lb. Full Drum Capacity Self-Locking Worm Gear Winch Complete With 1/2" X 75' Load Line With Swivel Hook And Latch And A Load Chart.

Auxiliary Let Down For Use With Open Center Hydraulics

30 Gallon Hydraulic Oil Reservoir

Subframe Constructed With An Open Center. Tie Down Kit.

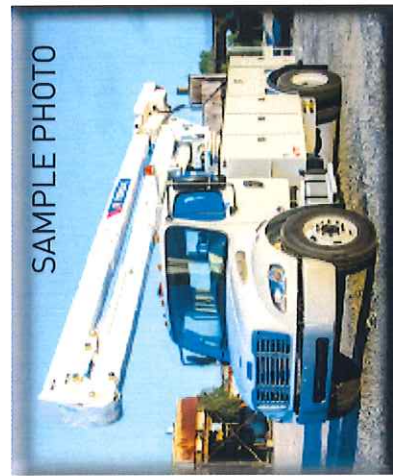
(2) Heavy Duty A-Frame Outriggers With Swivel Type Stabilizer Pads.

Controls For 2-Sets Of Outriggers And Auxiliary Tool Outlets (Open Center Systems)

Outrigger Interlock

Pump For Systems Requiring 14 Gallons Per Minute

Option: 20K Front Bumper Winch Package Add: \$13,250



SAMPLE PHOTO

BODY & EQUIPMENT

168" Line Body With Streetside & Curbside Compartmentation, and Hotstick Shelf

Master Lock System on Body, Adjustable Shelves w/ Dividers and/or Material Hooks in Compartments, Wheel Chock Storage w/ (2) Chocks. Outrigger Pads & Storage.

888-684-8146 www.customtruck.com

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DISCLAIMER: Specifications are believed to be correct, but may contain errors and/or omissions. Pictures are representative and may not be identical

PRICE: \$243,785 USD

Ex Works: Kansas City, MO

Price Is Subject To Change Without Notice And Is Not Guaranteed Due To Fluctuation In Material Or Component Prices, Including Manufacturer's Surcharges.

Sample 60 Month Lease Payment: \$3,920 Subject To Approval

For More Details Call Custom Truck Capital (833) CTC-FIN1

QUOTE NUMBER: LE108-H 22

EXPIRATION DATE: 10-30-23