2/13/2023

Quote ID#1108BR

City of Garden Grove
11222 Acacia Pkwy
Garden Grove, CA 92840

Dear City of Garden Grove,

National Auto Fleet Group is pleased to quote the following sourced item(s) for your consideration. One (1) New/Unused (**Ford E-Series E-450 Gas Cut-A-Way 158" WB 4x2 14,500# GVWR with Plumbers Depot Equipment**) and provided by Mr. Miguel Martin with Plumbers Depot, each for:

	Contract Price
Subtotal	$ 450,206.90
Tax (8.75%)	$ 39,393.10
CA Tire Fee	$ 10.50
Total	$ 489,610.50

This sourced item(s) is available under the Sourcewell (Formerly Known as NJPA) Contract 091521-NAF. Please reference this Bid Number on all Purchase Orders.

Thank you in advance for your consideration. Should you have any questions, please do not hesitate to call.

Sincerely,

Ben Rodriguez
HD Contract Manager
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Office (855) 289-6572
Fax (831) 480-8497

Specifications For: GARDEN GROVE, CA

1   FORD E-450 GAS CUT-A-WAY 158" WB 2X4 CHASSIS
- 1   7.3L Gas Engine
- 1   6-Speed Automatic Transmission with OD
- 1   14,500 lb. GVWR
- 1   158" Wheel Base
- 1   Cab Air Conditioner
- 1   AM / FM Radio

1   14' CARGO BOX WITH WALKTHRU
- 1   AeroCap with Walk Thru
- 1   LED Light Package Includes Body Clearance and Stop / Tail / Turn
- 1   Full Width Barn Doors with CAM (Pipe) Locks on Each Door
- 2   Laminated Steel Lock
- 1   Kemlite Covering on Inside Rear Doors
- 1   Back Up Alarm

1   STORAGE DRAWER/POWER BOOM CRANE DEPLOYMENT SYSTEM

1   WIRELESS POWERBOOM CRANE CONTROLLER

1   POWER BOOM CRANE WIRELESS CONTROLLER HOLDER

1   SAFE ENTRY/EXIT BUMPER INSTALLED
- 1   Three (3) Steps Evenly Spaced
- 1   Bottom Step Folds Up for Ground Clearance
- 1   Safety Grab Handle

1   KICKPLATE TRANSPORTER STORAGE
- 1   Lockable Storage Compartment for Camera and Transporter
- 1   Sliding Drawer
- 1   Notch in rear door threshold of body for TV cable to pass through to transporter storage drawer

1   KICKPLATE 2 DRAWER STACK ALUMINUM STORAGE

1   BACK-UP COLOR CAMERA SYSTEM [CHASSIS]

1   BULKHEAD WALL BETWEEN CAB AND CONTROL ROOM
- 1   Door

2   LED TRAFFIC ADVISR,WHELEN TITLE XIII

1   TV HIGH CUBE VAN EXTERIOR LIGHTING & CONTROL ROOM - EVOLUTION 3.0 TO INCLUDE:
- 2   Amber Title XIII Strobe Warning Beacons
- 2   Adjustable LED Floodlights Rear of Vehicle Area Illumination
- Control Room Interior:
- 1   Lonseal Lonplate Flooring
- 1   Kemlite Wall & Ceiling Covering
- 1   Bulkhead Wall With Passage Door From Control Room to Equipment Room
- 1   Tinted Viewing Window in Bulkhead Wall

1 Tinted Viewing Window in Bulkhead Door
1 Above Desk Control Console with Rack Mount for Electronic Equipment
1 Desktop / Work Area
1 12V High Intensity LED Light Fixture
1 Multi-Outlet Power Strip With USB Ports
1 Fire Extinguisher with Bracket, 10BC Rating
1 Operators Chair, Swivel With Casters
1 Breaker Box Storage Area with Locking Positive Latch
1 Battery Powered Carbon Monoxide Alarm

1 ROOF TOP AIR CONDITIONER, 13,500 BTU WITH HEAT STRIP

1 CURBSIDE DOOR FOR EVO 3.0

1 SIDE DOOR STEPS

1 BENCH SEAT IN VIEWING ROOM

1 CUSHION FOR BENCH SEAT

1 CLOSET IN VIEWING ROOM

1 TV HI-CUBE VAN EQUIPMENT ROOM INTERIOR - EVOLUTION 3.0 TO INCLUDE:
1 Lonseal Lonplate Flooring
1 Kemlite Wall & Ceiling Covering
1 Electrical Outlet with Dual Receptacles
1 12V High Intensity LED Light Fixture
1 15 Minute Courtesy Timer Located at Rear Door Area for 12V LED Interior Lights

1 MULTI-OUTLET WORKSTATION WITH LIGHTS AND USB PORTS

1 20-GALLON WASHDOWN SYSTEM TO INCLUDE:
1 20-Gallon Fresh Water Tank
1 Electric Water Pump
1 Retractable Hose Reel with 25'Water Hose and Nozzle

1 UPPER AND LOWER STORAGE CABINET IN EQUIPMENT ROOM
1 Lower Storage Cabinet / Work Top with Sink and Faucet
1 Upper Wall Mounted Storage Cabinet

1 32" REAR FLAT SCREEN MONITOR MOUNTED IN BULKHEAD WALL
1 Flat Screen Monitor
1 Cable Assembly - Video Monitor to Monitor in Control Room
1 Electrical Outlet

1 7000 WATT GAS ONAN GENERATOR
1 120 Volt 60 HZ 7000 Watt EFI (Electronic Fuel injection) Commercial Grade Generator
1 Gasoline Powered
1 Electric Start
1 Air Cooled
1 Generator Remote Start/Stop Cable assembly

1 GENERATOR COMPARTMENT [UNDER CHASSIS MOUNT]
- 1 Generator Storage Compartment with Lockable External Access Door
- 1 Commercial Power Supply Receptacle, 25' Cord, and Plug
- 1 Electrical Supply Center with Circuit Breaker Box
- 1 Commercial power and Generator Power Connectors
- 1 Automatic Power Transfer Switch

1 SYSTEM ENGINEERING PANEL, FOR POWER INFORMATION AND GENERATOR FUNCTIONS, RACK MOUNTED, TO INCLUDE:
- 1 Four Function AC Power Meter displaying Critical Power Information including:
  - 1 Voltage
  - 1 Hertz
  - 1 Amperage
  - 1 Active Power (Watts)
- 1 Front panel Selector Switch for two modes of operation:
  - 1 Fixed reading
  - 1 Continuous Auto-cycling
- 1 Generator Battery Meter to Display Starting and Charging Voltage
- 1 Generator Hour Meter
- 1 Generator Remote Start/Stop Control Switch
- 1 On/Off Switch for Emergency Warning beacons (Switch to Illuminate When On)

1 OZ3 P&T ZOOM M/C LED CAMERA
- 1 Solid State Color Sewer TV Camera
- 1 Pan & Rotate Camera Head, 40:1 Zoom Ratio, 10x Optical Zoom, 4x Digital Zoom
- 1 NTSC Color Standard with 4x Light Integration
- 1 4 X 5W Cluster LED's for 6" through 72" lines
- 1 Camera Transportation and Storage Case

1 BUILT-IN SONDE FOR MAINLINE CAMERA TO INCLUDE:
- 1 Built In Transmitter, 512 Hz

1 BRASS COMP STEERABLE CAM TRANS, WHEELED -60V
- 1 Steerable Unit Designed to Turn 360 Degrees Within Its Own Radius
- 1 Set of Driven Rubber Wheels to Inspect 6" Pipe
- 1 Two (2) Speed Transmission to Maximize Torque in Large Diameter Pipe with:
  - 1 Manual Shifter on Camera Carrier
- 1 Unit Shall Have Forward, Free Wheel, and Power Reverse Capablities
- 1 All Six (6) Wheel Drive Transporter Assembly to Include:
  - 1 Motor & Enclosed Drive Train
- 1 Tip Up Rear Connector

1 8" RUBBER WHEEL KIT FOR COMPACT TRANSPORTER

1 10-15" RUBBER WHEEL KIT FOR COMPACT TRANSPORTER

1 6"-15"PIPE SPACER KIT

1 REAR VIEW CAMERA
- 1 Color NTSC Camera
- 1 Lightring with (12) Solid State White LEDs

1   8" STEEL 10/12 GRIT WHEEL KIT, v2

1   QUICK CABLE LOCK PIGTAIL COUPLER KIT

1   1500' CABLE ASSEMBLY, M/C 12PIN METAL
   1   1500' Gold Multi Conductor Kevlar Fiber Armored Combination TV Transmission / Tow Cable
   1   .450 Diameter
   1   Metal Splice Chamber with Pigtail
   1   Cable Strain Relief

1   TV REEL ASSEMBLY, MECHANICAL FOOTAGE FOR SUMMIT .450 CABLE
   1   Black Thermoplastic Powder Coated Frame (not available with BRAKE option)
   1   Power Levelwind & Multi Ratio Manual Transmission
   1   Footage Meter with Local Counter and Remote Electronic Counter
   1   Transmission Control at Viewing Station
   1   Local Reel Mount Electrical and Mechanical Control
   1   Sealed Continuous Contact Collector Assembly
   1   Removable Drip Pan for Cleaning (not available with BRAKE option)

1   AUTOMATIC PAYOUT SYSTEM FOR REEL - INSTALLED

1   PCU ASSEMBLY [RACK MOUNT]

1   CCU ASSEMBLY [RACK MOUNT]
   1   Alpha Numeric Information Display, with Multi Paging and Defect Coding
   1   Remote "QWERTY" Keyboard
   1   On Screen Footage Display

1   WIRELESS CONTROLLER
   1   Joystick Control for Pan and Tilt Zoom Camera to Include:
       1   360 Degree Rotate
       1   330 Degree Optical Pan
   1   Joystick Control for All Steering Functions & Forward / Reverse Directions for Transporter
   1   Camera Lift Control for Optional Electronic Camera Lift
   1   All Other Controls for Camera to Include:
       1   Camera Iris and Focus Override & Zoom
       1   Camera Lights & Shutter Control for Light Enhancement
       1   Camera Diagnostics & Auto Home
   1   Cruise Control to Set Speed of the Transporter for Hands Off Operation
   1   All Reel Controls to Include: Retrieve, Release, and Variable Speed [Excluding Dolly Systems]

1   WIRED USB CONTROLLER
   1   Joystick Control for Pan and Tilt Zoom Camera to Include:
       1   360 Degree Rotate
       1   330 Degree Optical Pan
   1   Joystick Control for All Steering Functions & Forward / Reverse Directions for Transporter
   1   Camera Lift Control for Optional Electronic Camera Lift

      1   All Other Controls for Camera to Include:
                1   Camera Iris and Focus Override & Zoom
                1   Camera Lights & Shutter Control for Light Enhancement
                1   Camera Diagnostics & Auto Home
      1   Cruise Control to Set Speed of the Transporter for Hands Off Operation
      1   All Reel Controls to Include: Retrieve, Release, and Variable Speed [Excluding Dolly Systems]

1   8.7" MINI KEYBOARD

1   SHORTING PLUG

1   TEST CABLE

2   19" (MINIMUM) FLATSCREEN COLOR INDUSTRIAL TV MONITOR NTSC / PAL COLOR STANDARDS

2   MOUNTING HARDWARE FOR MONITOR to include Bracket(s), and / or Mount(s), and Miscellaneous hardware required to secure monitor for optimal safety and viewing.

1   KIT,MICROPHONE,DSK MNT,GOOSE-NECK

1   COMPUTER ONLY [NO Granite SOFTWARE] TO INCLUDE (MINIMUM):* **
      1   Motherboard LGA 1200 Socket and Intel Z590 Chipset
      1   Intel Core i7-11700 2.5-4.9 GHz Processor
      1   16 GB LP/DDR4 2666 RAM
      1   USB Video Capture Device for MPEG 1 / 2 / 4 /WMV
      2   LAN, On Board Network Connections, 2.5GbE (2.5Gbit/1 Gbit/100Mbit)
      6   USB 3.2 Ports / Back
      2   USB 3.0 Ports / front
      1   USB Type C--Thunderbolt
      2   RS232 Serial Ports
      1   Bluetooth v5.1
      1   WiFi a/b/g/n/ac/ax, 2.4/5 GHz Dual-Band
      5   On Board Audio Ports
      1   DVD + / - RW DVD Burner 20x / CD - RW 40x Internal Optical Drive
      1   1 TB M.2 Solid State Drive
      1   500 GB M.2 Solid State Drive
      1   500 Watt 1U ATX Power Supply
      1   Industrial Hardened Case Slim 2u (88mm) Design for 19" (482.6mm) Rack
      1   Windows 10 Professional 64-bit Operating System
      1   System Recovery Disk
      1   USB C 12 in 1 docking station
*Spec for computers can change without notice
**International Configuration may vary to comply with the U.S. Department of Commerce, Bureau of Industry & Security regulations on export of technology

1   GRANITENET PREMIUM INSPECTION SOFTWARE KIT

1   WIRELESS KEYBOARD AND MOUSE SET

1   **COLOR PRINTER**

1   **GraniteNet PREMIUM SOFTWARE SUPPORT PLAN**

1   **ALL NECESSARY CABLING AND COMPONENTS TO COMPLETE THE INTERFACE BETWEEN THE DATA ACQUISITION SYSTEM, PERIPHERALS, AND THE VIDEO INSPECTION EQUIPMENT**

1   **KIT,UPS,BELOW MOUNT TO INCLUDE THE FOLLOWING:**
       1   Input 120-Volt / Output 120-Volt
       1   Cord Management Straps

1   **PACP MODULE GraniteNet SOFTWARE**

1   **LATERAL MODULE GraniteNet SOFTWARE**

1   **ESRI INTERFACE MODULE GraniteNet SOFTWARE**

1   **KIT, GRANITENET OFFICE**

1   **GraniteNet OFFICE SUPPORT PLAN**

1   **SELF PROPELLED LATERAL INSPECTION / EVALUATION SYSTEM, WHEELED, FOR 6" - 15" MAINLINE AND 3" - 8" LATERAL INSPECTION, WITH PAN AND TILT / ZOOM MAINLINE CAMERA, AND WIRELESS CONTROL TO INCLUDE:**
       1   Mainline Pan, Tilt, and Zoom Camera to Include:
            1   Mainline Solid State Color Sewer TV Camera with:
                1   Pan, Tilt & Rotate Camera Head
            1   40:1 Zoom Ratio, 10x Optical Zoom, 4x Digital Zoom, NTSC Color Standard
            1   360 Degree Range of Rotation, 270 Pan Viewing Angle, Panning 360 Degrees
            1   Auto Iris, Auto Focus, Manual Override of Focus and Iris
            1   Camera will also be Used for:
                1   Monitoring Lateral Pan & Tilt Camera During Extend / Retract Operation
            1   Light Assembly, Pan & Tilt Zoom Camera, 6" - 72" lines
            1   White LED Field Replaceable Lamps
            1   Automatic Centering
       1   Lateral Launcher, for Lateral Pan and Tilt Camera to include:
            1   Self Propelled Launcher Robot with Freewheel, Forward, and Power Reverse
            1   Camera Head Mounting Assembly with Rotation Positioning, Articulating Hinge
            1   Push Cable Drive Assembly - Two-Speed Extend / Retract Camera Positioning
            1   Rear tip-up connector
            1   Interconnect Cable for Launcher to Push Cable
            1   Interconnect Cable for Control System to Power Control Unit
            1   Single-point quick wheel removal system
            1   6 each 3.5" diameter tires for 6" pipe
            1   6 each 4.375" diameter tires for 8" pipe
            1   6 each 5" diameter tires for 10"-15" pipe
            1   Pneumatic Tire Kit for 12" - 15" pipe
            1   Rear Housing Assembly to Add Optional Rear View Color Camera
            1   LAUNCHER MUST BE LATERAL PAN & TILT CAMERA READY
       1   Lateral Reel / Control Assembly / Wireless Controller
            1   Electric Reel with Slipring and Clutch for:
                1   Powered   Retrieve of Push Cable
            1   Control System to Include Launcher / Self Propelled Robot Control with:
                1   Extend / Retract, Left / Right Rotation, Camera Selection
            1   1000 ft. Video Cable with Cable End Termination
            1   Controller with Forward, Freewheel, and Power Reverse / Variable Speed
Control:

> 1   Self-Propelled Launcher Robot
> 1   All Launcher, Camera, and Reel Functions Shall be Controlled by the Wireless Hand Held Summit System Controller
> 1   Compact Mainline Video Monitor

1   SELF-LEVELING COLOR CAMERA WITH BUILT-IN SONDE KIT FOR USE WITH LAMP SYSTEM to include:
> 1   Self-Leveling / Built-In Sonde Mini Camera
> 1   Lateral Camera Spring Assembly
> 1   Centering Ball

1   REAR VIEW CAMERA ASSEMBLY FOR USE WITH LAMP SYSTEM
> 1   Color NTSC Camera
> 1   Lightring with (12) Solid State White LEDs

1   QUICK CABLE LOCK PIGTAIL COUPLER KIT

1   150' PUSH CABLE FOR LATERAL INSPECTION SYSTEM

1   KIT,DOWNHOLE,STD
> 1   Toproller Assembly, Manhole, TV Only, Al
> 1   Claw Hook, Manhole Adapter, f/WT319
> 1   Hook Assembly, Retrieval (SNGL,SHTY/LMP/PR)
> 6   Pole Assembly, Retrieval / Downhole tl,58"
> 1   Roller Assembly, Invert f/ WT319

1   MULTI CONDUCTOR TV ONLY TOOL KIT
> 1   Milliampmeter Tool
> 1   Electrical Tape
> 1   Needle Nose Pliers
> 1   Six-In-One Screwdriver
> 1   6" Adjustable Wrench
> 1   Anti Seize Grease
> 1   9-Piece Allen Wrench kit
> 1   Solder Iron Kit
> 1   Pliers
> 1   5/32 T-Handle Hex Wrench

1   FIELD TRAINING FOR ID SYSTEM, 3 DAYS

1   TRUCK DELIVERY-CALIFORNIA