

City of Fayetteville Staff Review Form

2019-0369

Legistar File ID

7/2/2019

City Council Meeting Date - Agenda Item Only
N/A for Non-Agenda Item

Sara Glenn

6/12/2019

FLEET OPERATIONS (770)

Submitted By

Submitted Date

Division / Department

Action Recommendation:

City Council to approve the purchase of four Peterbilt 520 Side Loaders with New Way Roto Pac bodies are available for the Sourcewell price of \$279,155.22 each, along with two extra Augers for \$7,100 each, for a total of \$1,130,820.88 from Arkansas Municipal Equipment of Poyen, AR for use by the Recycling and Trash Collection Department.

Budget Impact:

9700.770.1920-5802.00

Shop

Account Number

Fund

02082.2018 & 2019

Solid Waste Vehicles

Project Number

Project Title

Budgeted Item? Yes

Current Budget \$ 1,343,822.55

Funds Obligated \$ -

Current Balance \$ 1,343,822.55

Does item have a cost? Yes

Item Cost \$ 1,130,820.88

Budget Adjustment Attached? No

Budget Adjustment

Remaining Budget \$ 213,001.67

V20180321

Purchase Order Number: _____

Previous Ordinance or Resolution # _____

Change Order Number: _____

Approval Date: _____

Original Contract Number: _____

Comments:



MEETING OF JULY 2, 2019

TO: Mayor and City Council

THRU: Terry Gulley, Director of Transportation

FROM: Sara Glenn, Fleet Operations Superintendent

DATE: June 12, 2019

SUBJECT: Purchase of four Automated Side Loaders for Recycling & Trash Collection

RECOMMENDATION:

City Council to approve the purchase of four Peterbilt 520 Side Loaders with New Way Roto Pac bodies are available for the Sourcewell price of \$279,155.22 each, along with two extra Augers for \$7,100 each, for a total of \$1,130,820.88 from Arkansas Municipal Equipment of Poyen, AR for use by the Recycling and Trash Collection Department.

BACKGROUND:

Unit 4004 is a 2011 Peterbilt Side Load Trash Truck with 11.6/15 points that has exceeded its life expectancy.

Unit 4005 is a 2011 Peterbilt Side Load Trash Truck with 13.2/15 points that has exceeded its life expectancy.

Units 4010 and 4011 are 2012 Peterbilt Side Loader Trash Trucks with 15/15 points that have met their life expectancies.

DISCUSSION:

Fleet recommends the purchase of four Peterbilt 520 Side Loaders with New Way Roto Pac bodies are available for the Sourcewell price of \$279,155.22 each, along with two extra Augers for \$7,100 each, for a total of \$1,130,820.88 from Arkansas Municipal Equipment of Poyen, AR.

BUDGET/STAFF IMPACT:

Sufficient funds have been budgeted and collected for these purchases.

These purchases were approved at the June 11th Equipment Committee Meeting.

Attachments:

Arkansas Municipal Equipment Quote
Sourcewell Contract

City of Fayetteville will take quotes on Automated side loader and accessories listed below for Recycling and Trash Collection division. We anticipate the purchase of four like units.

Quotes must be thru a purchasing contract used and approved by the City of Fayetteville and the State of Arkansas. Some of these are; Sourcewell, HGAC, National IPA and US Communities. Contact the Purchasing division @ 479-575-8256 for other contracts that may apply.

The City will accept quotes until June 3, 2019, when they will be evaluated for use by the user division and Fleet Operations for the best fit and lowest total cost of ownership. Prices shall be effective thru December 2019. We expect to have a purchase order mid-July and order will be placed. All quotes must have the contract name and number on the price sheet (our Sourcewell ID # 34143).

These Automated Side Loaders are a replacement item. Accessories will be evaluated by use and as budget allows.

Quotes to be returned to Sara Glenn, Fleet Operations Superintendent at the City of Fayetteville, 1525 s. Happy Hollow Rd. Fayetteville, AR 72701 or emailed to sglenn@fayetteville-ar.gov

Quotes must include:

Purchasing Co-op name and contract number

Model numbers and pricing on Automated Side Loader and all accessories individually

Note any deviations to specifications

Deadline – June 3, 2019

Contract name; New Way

Contract # 112014-NWY

Chassis; Make / Model Peterbilt / 520

Body; Make / Model New Way / Roto Pac 27yard

Item's # 1 – 2, Complete unit \$ 279,155.22 Each

Replacement Auger, Price each: \$ 7,100

Calendar days from PO to delivery, 160-200 Days after receipt of PO

422-19-4 AUTOMATED REFUSE COLLECTION TRUCK

1. GENERAL -

- 1.1 All unit(s) bid must meet or exceed the minimum requirements or they will be deemed incomplete and will not be considered for bid award.
- 1.2 All specifications written are to minimums, unless otherwise noted.
- 1.3 Damages of \$100 per day, per vehicle will be assessed by the City to cover additional costs of running older equipment, beginning on the first day following the guaranteed delivery date and each day thereafter until full delivery is made.
- 1.4 A working Demo must be provided for the Recycling & Trash Collection Department to use for a minimum of 2 two days unless one was provided in last demo period of 2018. If major changes have been made and you want to demo please call for setting up demonstration dates.
- 1.5 Primary vendor will be responsible for all warranty issues. The primary vendor is the one to whom the check is issued.

2. MANUFACTURER / MODEL -

- 2.1 Unit(s) bid must be new and of the latest standard production model as offered for commercial trade.
- 2.2 All automated arms must have been in service for at least two (2) years with a minimum of 50 working units. Please provide contacts for arms in use.

3. ITEM 1 – DIESEL TRUCK CAB AND CHASSIS -

3.1 ENGINE:

- a. X Cummins model ISL 370 HP 1250 ft lbs torque. (if not this model please include software and three years of updates plus training cost for 5 techs within price of bid)
- b. X Six (6) cylinder inline turbo-charged diesel with DEF system
- c. X 110 VAC engine block heater w/exterior plug mounted in or near front bumper.
- d. X OEM shutdown system for engine oil pressure and overheating of cooling system equipped with a dash mounted "Engine Shutdown" light indicator.
- e. X Heated fuel/water separator
- f. X Frame mounted vertical exhaust with heat diffuser to direct exhaust away from cab and bed
- g. X Compression type Engine Brake System
- h. X Two speed, cooling fan for frequent stops
- i. X Spin on Fuel, Water, Oil Filters mounted for ease of service
- j. X Trash Guard over turbo charger and all exposed exhaust components to keep trash out
- k. X Engine must be able to run on 20% bio fuel and maintain engine warranty.

3.2 TRANSMISSION / DRIVETRAIN:

- a. X 6 speed Allison automatic model 4500 RDS
- b. X Push button gear selector

- c. ☒ Auto neutral programming provided
- d. ☒ Heavy duty drive shaft and u-joints
- e. ☒ Over speed control connected to Transmission to cut off PTO over 30 mph

3.3 BRAKES:

- a. ☒ Air brakes w/18 cfm. compressor. Compressor air intake shall be common with engine air intake.
- b. ☒ Bendix AD-IS heated air dryer mounted to outside of frame
- c. ☒ Four (4) rear axle mounted spring actuated parking brakes
- d. ☒ Air disc brakes on all axles, Bendix or equal
- e. ☒ Severe service rotors for refuse applications
- f. ☒ Air tank drains to be run individually and run to driver side and installed in a bank with petcocks for ease of Driver operation. Fleet will approve location.

3.4 STEERING:

- a. ☒ Right hand drive
- b. ☒ Hydraulic power steering
- c. ☒ Standard steering wheel
- d. ☒ Ergonomic/adjustable steering wheel position
- e. ☒ Stops adjusted for maximum steering angle

3.5 FRONT AXLE & SUSPENSION:

- a. ☒ 20,000# axle capacity rating
- b. ☒ 20,000# leaf spring suspension
- c. ☒ Steel/iron hubs for frequent stops and heavy loads
- d. ☒ Wide track front axle for improved turning radius
- e. ☒ Double acting shock absorbers

3.6 REAR AXLES & SUSPENSION:

- a. ☒ 46,000 lb rated suspension
- b. ☒ HaulMaxx HM460 suspension
- c. ☒ Dana, Eaton or Meritor tandem heavy wall axles with a combined rating of 46,000 lb.
- d. ☒ Steel/iron hubs for frequent stops and heavy loads
- e. ☒ Live tandem drive with power divider on front drive axle.
- f. ☒ Rear axles with Power Divider Lock controlled from cab.
- g. ☒ Ratio to provide no less than 60 mph nor more than 65 mph at governed engine rpm

3.7 GROSS VEHICLE WEIGHT RATING:

- a. ☒ 66,000 Pounds GVWR

3.8 WHEELS / TIRES:

- a. ☒ Front – (2) hub piloted bright unpolished aluminum disc wheels
- b. ☒ Front – (2) Michelin, Goodyear, /Bridgestone 315/80R 22.5 tires rated for maximum load
- c. ☒ Rear (8) hub piloted bright unpolished aluminum disc wheels
- d. ☒ Rear – (8) Goodyear, Bridgestone / Firestone, Michelin equivalent 11R x 22.5 tubeless steel belted radials rated for maximum load.

3.9 ELECTRICAL SYSTEM:

- a. X 12-volt, 160 amp alternator
- b. X Three (3) 12-volt sealed maintenance free batteries 2190 CCA
- c. X Battery disconnect switch located near battery box
- d. X Voltmeter
- e. X Engine oil pressure gauge
- f. X Coolant temperature gauge
- g. X Fuel level gauge
- h. X M.P.H. speedometer
- i. X Mileage odometer
- j. X Forward facing DVR with removable SD card
- k. X Intermittent windshield wipers w/electric washer pump and reservoir
- l. X Self canceling turn signal switch
- m. X Lighting to comply with all state and federal regulations
- n. X All circuit loads shall be controlled by a 2-post battery shut off located next to battery box
- o. X Junction box located in cab for electrical accessories; two-way radio, GPS, etc.
- p. X A body junction box will be located behind cab and will have the following systems:
marker lights, left and right turn signals, stop lights, backup lights, and back up horn. The box will have stud connections.

3.10 CAB:

- a. X Low entry forward tilt cab over engine
- b. X Tilt cab with hydraulic and air assist
- c. X Right side drive
- d. X High back air suspension seat both sides
- e. X Seat belts for two (2)
- f. X Blue Tooth connectivity
- g. X Fresh air heater and defroster
- h. X Factory installed air conditioning – must maintain 20-degree F. temperature drop to 100 degree ambient temperature.
- i. X Dual sun visors
- j. X Dual west coast type mirrors, heated, motorized remote adjustable, up/down in/out with 8" bolt on heated spot mirrors.
- k. X Air horn right side
- l. X OEM installed AM/FM Radio
- m. X Tinted glass
- n. X Roll down windows to bottom of window frame
- o. X Cab entry handle and safety step at each of the two (2) doors

3.11 FRAME:

- a. X Frame rails: steel channel painted black, assembled with Huck fasteners.
- b. X Successful vendor shall be responsible to coordinate chassis and body providing proper mounting and weight distribution.
- c. X 42" maximum frame height
- d. X Painted steel front bumper
- e. X Single tow loop fully braced to the chassis frame
- f. X Successful vendor shall be responsible to coordinate chassis and body to provide best location (except for stated mounting locations) of frame mounted tanks and accessories.

3.12 FUEL TANK:

- a. ☒ Minimum Seventy (70) gallon aluminum safety tank
- b. ☒ DEF tank of sufficient size to run two tanks of fuel to one DEF or greater
- c. ☒ Frame mount, left hand preferred.

3.13 COLOR:

- a. ☒ Exterior color – White polyurethane enamel
- b. ☒ Interior color - Grey

4. *ITEM 2-AUTOMATED SIDE LOAD SOLID WASTE COLLECTION BODY SPECIFICATIONS*

4.1 BODY CONSTRUCTION:

- a. ☒ Twenty-seven (27) cubic yard capacity of body and tailgate excluding hopper
- b. ☒ Body sides shall taper front to rear to facilitate unloading
- c. ☒ Sidewall to be 12-gauge A 1011, 80,000 psi
- d. ☒ Floor to be 3/16" AR100 100,000 psi
- e. ☒ Roof shall be 12-gauge A-715 GR 80F high tensile steel, 80,000 psi
- f. ☒ Body shall be all welded construction and liquid tight up to 40" inside body
- g. ☒ Sides, front and rear to be reinforced for strength requirements
- h. ☒ Reinforcement design and characteristics dependent upon construction methods used, must be certified to meet the specified compacting requirements without body distortion
- i. ☒ Entire body must be completely cleaned (ex. dirt, oil, slag, etc...) prior to priming.
- j. ☒ Body paint and color must be white urethane enamel. Minimum 2.5 mil thickness.
- k. ☒ Body will have a two (2) year complete warranty to include all switches, valves and controls that work body
- l. ☒ Curb side ladder at hopper
- m. ☒ Outside width not to exceed 96"
- n. ☒ Height above frame 110" maximum

4.2 REAR TAILGATE:

- a. ☒ Hinged above roofline, lifted and locked by double acting hydraulic cylinders
- b. ☒ Hydraulic cylinders to have flow restrictors to limit sudden decent and check valves to keep tailgate closed
- c. ☒ Safety pin to hold lock mechanism to prevent accidental opening
- d. ☒ Hinge pins with grease fittings and hoses to be greaseable from ground
- e. ☒ P-type Neoprene seal at bottom to height of 40" shall form water tight seal
- f. ☒ Tailgate to be 12-gauge ASTM A715 80,000 psi
- g. ☒ Tailgate shall have safety prop
- h. ☒ Manual control valve located in cab to prevent accidental activation
- i. ☒ Light and audible alarm provided to indicate when tailgate is unlocked
- j. ☒ Approved under ride guard bolted to bottom of door to be clear of refuse during unloading.
- k. ☒ Camera mounted to rear tailgate center to work when reverse is selected.

4.3 HOPPER:

- a. ☒ Five (5) cubic yard capacity of hopper

- b. X Hopper floor ¼" Hardox 400 replaceable liner
- c. X Hopper bottom shall be rounded ¼" 50W resistant steel
- d. X Hopper shall have three (3) ½" X 1 ½" flat Hardox guiding bars
- e. X Hopper shall have a material displacement rate of seven (7) cubic yards per minute

4.4 PACKER:

- a. X Packing shall be accomplished by auger system. Auger mechanism must meet all applicable standards
- b. X Speed sensor must be incorporated within the auger mechanism allowing the auger to be automatically engaged in reverse in case of jamming
- c. X Auger RPM shall be adjustable and delivered @ 30 RPM
- d. X Auger maximum torque shall be 21,000 pounds feet.
- e. X Must pack dry household trash at 1,000 lbs. per cubic yd.
- f. X Length of auger shall be a minimum of 81"
- g. X Auger mechanism to retain compacted material in body
- h. X Packing cycle shall be automatically activated by trigger on the arm joystick

4.5 HYDRAULIC SYSTEM:

- a. X Hydraulic system designed to operate cart lift and packer functions at idle in gear
- b. X PTO driven duel piston pumps. One for body functions and one for arm functions
- c. X Body function pump shall be: 10.6 gpm max @ 3700 psi @ 700 rpm
- d. X Arm functions pump shall be: 13.4 gpm max @ 2000 psi @ 700 rpm
- e. X Reservoir capacity 50 gallons, frame mounted with magnetic drain plug
- f. X Reservoir shall have easily visible sight gauge for oil level and temperature
- g. X Shut off valve on suction line and check valve on return to service system without draining
- h. X 100 mesh stainless steel suction line strainer, rated @ 100 gpm
- i. X In tank return filter rating of 7 micron, rated @ 100 gpm
- j. X All hoses shall be double wire braid appropriately rated for operating pressure
- k. X High flex hoses to be used at hinge points
- l. X All tubing and hoses shall be securely clamped to prevent vibration, abrasion, and snagging.
- m. X System shall be capable of continuous operation at 100 F. degrees ambient temperature, without external coolers
- n. X Quick disconnect hydraulic test ports shall be installed, (include one test gauge per truck)
- o. X All cylinder rods shall be chrome plated or nitrated
- p. X All cylinders shall have a three (3) year warranty
- q. X Transmission driven Hot Shift PTO and pumps, must be supported with brace to rear of pumps
- r. X Hydraulic control assemblies must be located so that at no time or load conditions it becomes necessary to remove load to service these components
- s. X Must have protective cover on pack manifold

4.6 BODY LIFT:

- a. X Dumping to be accomplished by raising body, full eject bodies are not acceptable
- b. X Hydraulic lift system must have dual body lift cylinders to lift fully loaded body
- c. X Three (3) stage telescopic cylinders with 77" stroke
- d. X Body shall be securely mounted with a pivot hinge at rear of chassis frame. Guides shall

- e. X be provided at front of body to securely align body to chassis frame.
- f. X Safety stands with locking device for servicing under the body
- g. X Body dump angle shall be such that all refuse in body will be removed without sticking or bridging. Body dump angle of 45 degrees
- h. X Dump and rear door controls to be mounted in cab.
- i. X Control pane must be interlocked with manual override to prevent accidental opening
- j. X Light and audible alarm to indicate when body is raised

4.7 LUBRICATION

- a. X All body hinges, cylinder rod ends, cylinder base trunnions, and pivot points shall be supplied with grease fittings.
- b. X Each high grease point shall be fitted with individual ground level fitting and steel or reinforced flexible lines. Group fitting mount location wherever practical.
 - o Tailgate hinge pins
 - o Tailgate lift cylinder bases

4.8 LIFT ARM & GRIPPER:

- a. X Arm and gripper to be hydraulically operated and controlled by joystick in cab
- b. X Joystick shall be conveniently located to the left of the operator
- c. X Ergonomically designed padded armrest shall be provided to support the operators arm
- d. X Auxiliary controls located by driver's seat for operation from ground level
- e. X Lock valve integrated in the inner boom cylinder to prevent any movement without action of joystick or auxiliary controls
- f. X Lifting capacity, 500 lbs at any point to which the arm is extended (**Bidder shall provide certification of this capability with bid**)
- g. X Horizontal reach shall be 144" from retracted to fully extended position
- h. X Maximum arm cycle time for grip, lift, dump, lower and release: 8 seconds at engine idle
- i. X Lifting and gripping shall be a rack and pinion mechanism for a constant speed
- j. X Container shall be tilted a minimum of 45 degrees past horizontal to ensure clean dumping
- k. X Arm shall be capable of handling carts from 32 to 110 gallons
- l. X Lifting mechanism mounted between cab and body to chassis frame
- m. X Arm shall be capable of handling carts placed 24" above or below roadway surface.
- n. X Grab clamp shall be spring steel (3/8 X 4") with 5/8" X 4" – 3 ply nylon belt incorporated to the grippers
- o. X Minimal gripping force of 1,800 psi to be applied to container to provide retention and also for limiting the radial force applied to prevent container damage
- p. X Grab clamp shall be operated by a single hydraulic cylinder
- q. X Grab clamp shall be fitted with a spill shield
- r. X Arm shall be a self-contained assembly that can be unbolted and interchanged or replaced with minimal number of bolts and hydraulic fittings

4.9 CONTROLS

- a. X Controls shall be mounted in a console readily accessible to operator
- b. X Arm and gripper to be controlled by joystick in cab
- c. X Joystick shall be conveniently located to the left of the operator
- d. X Ergonomically designed, padded armrest shall be provided to support operators arm
- e. X Auxiliary controls located by driver's seat for arm and gripper operation from ground

- level
- f. X Bed lift and tailgate shall be operated by switches located in control console
 - g. X Packer controls shall consist of automatic, start, retract, and emergency stop
 - h. X Large red emergency stop button shall immediately stop hydraulic system at any time
 - i. X Indicator light in console shall warn of emergency stop activation
 - j. X Selectable auto pack function shall activate packer each time the cart dump is activated.
 - k. X Tailgate lift shall be activated from the control console. Safety lock shall prevent accidental activation.
 - l. X Audible alarm and console mounted warning light will indicate tailgate is open and/or unlocked
 - m. X Audible alarm and console mounted warning light will indicate bed not fully seated down

4.10 BODY ELECTRICAL:

- a. X Lighting shall comply with requirements of FMVSS#108.
- b. X Two (2) red 4.0" LED brake/marker lights, two (2) red 4.0" LED turn/marker lights and two (2) 4.0" clear LED flood lamp reverse lights shall be rubber grommet integrated into the lower rear of the body tailgate
- c. X Two (2) red 4.0" LED brake/marker lights, two (2) amber 4.0" LED turn/marker lights, and five (5) red LED marker lights shall be rubber grommet integrated into the top rear of the body tailgate
- d. X Rubber grommet mounted LED side marker lights.
- e. X Rubber grommet mounted LED turn signal mounted low near middle of body.
- f. X All wiring shall be in protective conduit or loom.
- g. X All wiring connections shall have permanent waterproof connectors. "Scotch-Lock" or other non-water tight connectors are unacceptable.
- h. X 80 dba backup alarm
- i. X One amber strobe light mounted at center portion of tailgate bustle, operated by dash mounted rocker switch.
- j. X LED work light mounted to illuminate hopper with individual toggle switch.
- k. X LED work light mounted to illuminate cart lift with individual toggle switch.
- l. X 6.8" diagonal Safety Vision SV500 or approved equal 4 picture color monitor
- m. X Rear mounted camera (SV-620 or equal) shall provide clear view to rear of truck when backing.
- n. X Hopper mounted camera (SV-620 or equal) shall provide clear view of hopper and cart in dump position.
- o. Side body mounted camera (SV – 620 or equal) to show container at curb
- p. X Left side, mirror mounted camera to view traffic.

4.11 ACCESSORIES:

- a. X Tool box mounted left side underbody: 18" h. x 18" d. x 24" l. aluminum diamond plate with vertical hinge, waterproof gaskets and drip rails, twist "T" or "D" handle latch.
- b. X Mounting brackets for one long handle square point shovel and one long handle push broom
- c. X One (1) heavy duty fire extinguisher bracket and 10 lb ABC fire extinguisher to be frame mounted next to tool box
- d. Mud guards at front of forward tandem axle.
- e. X Mud flaps in rear of the tandem axles (No logos).
- f. X All grease points must be accessible from ground level

- g. X Deflector shield to protect wiring at tailgate hinge point
- h. X Hopper work light
- i. X Air hose connection with flex hose & OSHA approved blower located in cab to aid in cleaning
- j. NA Please list and price as an option any hybrid drive/or operation system that could be an option for the City of Fayetteville to consider. This will not be considered in the award of bid.

4.12 COLOR:

- a. X Exterior color – White polyurethane enamel

5. **WARRANTY-**

- 5.1 Yes No Cab and chassis will be warranted for 3 years/150,000 miles or the manufacturer's standard warranty, whichever is **greater**.
- 5.2 Yes No Engine, drive train and axles will be warranted for 5 years/200,000 miles or the manufacturer's standard warranty, whichever is **greater**.
- 5.3 Yes No Engine to include injectors, turbo, DEF system and drive axles shall be warranted for 5 five years/ 200,000 miles or the manufacturer's standard warranty, whichever is **greater**.
- 5.4 Yes No Allison transmission shall be warranted for five (5) years
- 5.5 Yes No Refuse Body, Accessories, Paint and Installation will be warranted for 2 years or the manufacturer's standard warranty, whichever is **greater**.
- 5.6 Yes No Hydraulic Pump, hydraulic cylinders and valves shall be warranted for three (3) years. Successful vendor shall maintain one of each cylinder in stock at City of Fayetteville and authorize the City to perform warranty exchange with reimbursement of reasonable shop labor costs.
- 5.7 Yes No Warranty shall include all parts, labor, and transportation to the location of the warranty administrator.
- 5.8 Yes No Successful vendor shall be responsible for warranty administration of entire unit.
- 5.9 Each unit shall be delivered with the following warranty documents which shall be placed into effect upon the first day unit is placed into service:
 - a. X Manufacturer's warranty which shall be honored at any local manufacturer-authorized dealership.
 - b. X Manufacturer's warranty shall be provided for each supplemental unit mounted on and delivered with each primary unit.
 - c. X Enter a yes or no on each warranty line (5.1-5.8). Do Not supply warranty papers for us to interpret whether you meet or not! If a simple yes or no is not chosen, your bid will be disqualified as incomplete.

6. **STANDARDS-**

- 6.1 Each unit shall meet or exceed the following applicable standards.
- a. X Environmental Protection Agency's Exhaust Emission Standards (EPA).
 - b. X Occupational Safety and Health Administration Standards (OSHA).
 - c. X Arkansas State Highway Commission Regulations regarding vehicle markings, lighting and reflectors

7. DELIVERY / DOCUMENTATION -

- 7.1 All units are to be delivered F.O.B. to the City's Fleet Operations facility, located at 1525 S. Happy Hollow Road, Fayetteville, Arkansas 72701, for compliance review and final acceptance
- 7.2 Delivery shall include the following documents as a minimum:
- a. X Manufacturer's Certificate of Origin
 - b. X Odometer statement
 - c. X Dealer invoice
 - d. X A complete list with part numbers of all service filters and other regular preventive maintenance supplies.
- 7.3 Units must be fully assembled, serviced, and ready for operation as delivered.

8. MANUALS -

- 8.1 The successful bidder agrees to furnish one (1) set each of the following list of manuals:
- a. X Operator's Manual (1 file copy *plus* one (1) copy for each machine purchased)
 - b. X Service Manual (Paper, CD, or DVD format)
 - c. X Parts Manual (Paper, CD, or DVD format)
- 8.2 Payment(s) may be held until all manuals and certifications are delivered to the City of Fayetteville Fleet Operations Division.

9. TRAINING -

- 9.1 Training quoted below shall be arranged through Fleet Operations for both, operators and technicians, by a qualified instructor at a location designated and provided by the City.
- a. X Operator Training (REQUIRED) - This training shall include proper operating techniques and daily maintenance including lubrication, inspection of fluid checks and adjustments. This training shall be designed to instruct qualified vehicle operators.
 - b. X Maintenance Training (REQUIRED) - This training shall be designed to instruct qualified mechanics in techniques and procedures that are needed to understand the repair and maintenance of new unit model supplied. The factory shall provide 8 hours of training to the City of Fayetteville techs in a class room and shop environment.

10. SUPPORT SERVICES -

- 10.1 Repair Parts Inventory - stock of standard repair parts for units bid must be available to the City of Fayetteville within twenty-four (24) hours of part(s) requested. Parts inventory availability will be

considered in the purchasing decision.

- 10.2 Maintenance Service - Fully trained maintenance personnel shall be available for service within twenty-four (24) hours of repair requests. This shall include warranty service. Availability of maintenance personnel and facilities will be considered in the purchasing decision. Name and address of authorized repair facility for body and chassis must be included with bid. A fee of 100.00 per day can be assessed if a Warranty repair is not completed within (3) three days upon notification of a warranty repair being needed. *yes*
- 10.3 Body Warranty repairs will be performed by a fully trained dealer. The City of Fayetteville wishes to become the Warranty Dealer for the repairs and will work out terms with Manufacturer before bid is awarded. *yes*

The vehicle and body that is bid must be available if requested for a (3) day Demo by the City of Fayetteville.

yes

New Way Contract # 112014-NWY
 Quote for: City of Fayetteville Ar-Jesse
 1560 Happy Hollow Ln
 Fayetteville, AR 72701
 Dealer: Arkansas Municipal
 Date: 2/4/2019
 Sourcewell Member#:

Dealer must receive copy of PO
 You may, in addition, send a copy of PO to:
 New Way Trucks
 P.O. Box 336
 Scranton, IA 51462

1		27 yd Dump		\$130,116.76
STD		Hot Shift PTO, Tandem Vane		
1	RP1	Halogen Back-up Lights on Tailgate (2)		\$539.21
1	RP2	(2) Halogen Work Lights		\$391.87
STD	RP3	Integrated Strobe Light Package System - 2 round lights mounted upper		
1	RP4	Integrated Strobe Light Package System - 2 round lights mounted lower		\$518.75
1	RP8	Zone Defense Triple Camera/Flat Split Screen Color 7.0"		\$2,419.80
STD		Acrylic Urethane Enamel (White to match chassis) - Body		
STD		Arm Control Joystick on Counsel		
1	RP11	Arm Controls Rocker Switches Under Seat		\$884.02
1	RP13	Hopper Access Ladder		\$760.22
1		Fender extension		\$566.13
1		Camera sysyem with dvr to record		\$2,000.00
1		Can counter		\$311.23
1		Grease zerks on tailgate and body hoist Cylinder		\$311.23
1		Chassis to include 5yr Allison and disc brakes		
		Optional Spare Auger \$7,100(NET) \$7,100		
1		Freight - Ginove to New Way		\$4,000.00
1		Chassis	To Distributor	\$137,349.00
1		Freight		\$1,000.00
		Total		\$281,168.22
1		ATD Discount		-\$2,013.00
		Total Cost Per Sourcewell Contract		\$279,155.22
CITY MEMBER # MUST BE ON P.O.				

Purchase Order # _____

Date _____

City of Fayetteville will take quotes on Automated side loader and accessories listed below for Recycling and Trash Collection division. We anticipate the purchase of four like units.

Quotes must be thru a purchasing contract used and approved by the City of Fayetteville and the State of Arkansas. Some of these are; Sourcewell, HGAC, National IPA and US Communities. Contact the Purchasing division @ 479-575-8256 for other contracts that may apply.

The City will accept quotes until June 3, 2019, when they will be evaluated for use by the user division and Fleet Operations for the best fit and lowest total cost of ownership. Prices shall be effective thru December 2019. We expect to have a purchase order mid-July and order will be placed. All quotes must have the contract name and number on the price sheet (our Sourcewell ID # 34143).

These Automated Side Loaders are a replacement item. Accessories will be evaluated by use and as budget allows.

Quotes to be returned to Sara Glenn, Fleet Operations Superintendent at the City of Fayetteville, 1525 s. Happy Hollow Rd. Fayetteville, AR 72701 or emailed to sglenn@fayetteville-ar.gov

Quotes must include:

Purchasing Co-op name and contract number

Model numbers and pricing on Automated Side Loader and all accessories individually

Note any deviations to specifications

Deadline – June 3, 2019

Contract name; New Way

Contract # 112014-NWY

Chassis; Make / Model Peterbilt / 520

Body; Make / Model New Way / Roto Pac 27yard

Item's # 1 – 2, Complete unit \$ 279,155.22 Each

Replacement Auger, Price each: \$ 7,100

Calendar days from PO to delivery, 160-200 Days after receipt of PO

422-19-4 AUTOMATED REFUSE COLLECTION TRUCK

1. GENERAL -

- 1.1 All unit(s) bid must meet or exceed the minimum requirements or they will be deemed incomplete and will not be considered for bid award.
- 1.2 All specifications written are to minimums, unless otherwise noted.
- 1.3 Damages of \$100 per day, per vehicle will be assessed by the City to cover additional costs of running older equipment, beginning on the first day following the guaranteed delivery date and each day thereafter until full delivery is made.
- 1.4 A working Demo must be provided for the Recycling & Trash Collection Department to use for a minimum of 2 two days unless one was provided in last demo period of 2018. If major changes have been made and you want to demo please call for setting up demonstration dates.
- 1.5 Primary vendor will be responsible for all warranty issues. The primary vendor is the one to whom the check is issued.

2. MANUFACTURER / MODEL -

- 2.1 Unit(s) bid must be new and of the latest standard production model as offered for commercial trade.
- 2.2 All automated arms must have been in service for at least two (2) years with a minimum of 50 working units. Please provide contacts for arms in use.

3. ITEM 1 – DIESEL TRUCK CAB AND CHASSIS -

3.1 ENGINE:

- a. X Cummins model ISL 370 HP 1250 ft lbs torque. (if not this model please include software and three years of updates plus training cost for 5 techs within price of bid)
- b. X Six (6) cylinder inline turbo-charged diesel with DEF system
- c. X 110 VAC engine block heater w/exterior plug mounted in or near front bumper.
- d. X OEM shutdown system for engine oil pressure and overheating of cooling system equipped with a dash mounted "Engine Shutdown" light indicator.
- e. X Heated fuel/water separator
- f. X Frame mounted vertical exhaust with heat diffuser to direct exhaust away from cab and bed
- g. X Compression type Engine Brake System
- h. X Two speed, cooling fan for frequent stops
- i. X Spin on Fuel, Water, Oil Filters mounted for ease of service
- j. X Trash Guard over turbo charger and all exposed exhaust components to keep trash out
- k. X Engine must be able to run on 20% bio fuel and maintain engine warranty.

3.2 TRANSMISSION / DRIVETRAIN:

- a. X 6 speed Allison automatic model 4500 RDS
- b. X Push button gear selector

- c. ☒ Auto neutral programming provided
- d. ☒ Heavy duty drive shaft and u-joints
- e. ☒ Over speed control connected to Transmission to cut off PTO over 30 mph

3.3 BRAKES:

- a. ☒ Air brakes w/18 cfm. compressor. Compressor air intake shall be common with engine air intake.
- b. ☒ Bendix AD-IS heated air dryer mounted to outside of frame
- c. ☒ Four (4) rear axle mounted spring actuated parking brakes
- d. ☒ Air disc brakes on all axles, Bendix or equal
- e. ☒ Severe service rotors for refuse applications
- f. ☒ Air tank drains to be run individually and run to driver side and installed in a bank with petcocks for ease of Driver operation. Fleet will approve location.

3.4 STEERING:

- a. ☒ Right hand drive
- b. ☒ Hydraulic power steering
- c. ☒ Standard steering wheel
- d. ☒ Ergonomic/adjustable steering wheel position
- e. ☒ Stops adjusted for maximum steering angle

3.5 FRONT AXLE & SUSPENSION:

- a. ☒ 20,000# axle capacity rating
- b. ☒ 20,000# leaf spring suspension
- c. ☒ Steel/iron hubs for frequent stops and heavy loads
- d. ☒ Wide track front axle for improved turning radius
- e. ☒ Double acting shock absorbers

3.6 REAR AXLES & SUSPENSION:

- a. ☒ 46,000 lb rated suspension
- b. ☒ HaulMaxx HM460 suspension
- c. ☒ Dana, Eaton or Meritor tandem heavy wall axles with a combined rating of 46,000 lb.
- d. ☒ Steel/iron hubs for frequent stops and heavy loads
- e. ☒ Live tandem drive with power divider on front drive axle.
- f. ☒ Rear axles with Power Divider Lock controlled from cab.
- g. ☒ Ratio to provide no less than 60 mph nor more than 65 mph at governed engine rpm

3.7 GROSS VEHICLE WEIGHT RATING:

- a. ☒ 66,000 Pounds GVWR

3.8 WHEELS / TIRES:

- a. ☒ Front – (2) hub piloted bright unpolished aluminum disc wheels
- b. ☒ Front – (2) Michelin, Goodyear, /Bridgestone 315/80R 22.5 tires rated for maximum load
- c. ☒ Rear (8) hub piloted bright unpolished aluminum disc wheels
- d. ☒ Rear – (8) Goodyear, Bridgestone / Firestone, Michelin equivalent 11R x 22.5 tubeless steel belted radials rated for maximum load.

3.9 ELECTRICAL SYSTEM:

- a. X 12-volt, 160 amp alternator
- b. X Three (3) 12-volt sealed maintenance free batteries 2190 CCA
- c. X Battery disconnect switch located near battery box
- d. X Voltmeter
- e. X Engine oil pressure gauge
- f. X Coolant temperature gauge
- g. X Fuel level gauge
- h. X M.P.H. speedometer
- i. X Mileage odometer
- j. X Forward facing DVR with removable SD card
- k. X Intermittent windshield wipers w/electric washer pump and reservoir
- l. X Self canceling turn signal switch
- m. X Lighting to comply with all state and federal regulations
- n. X All circuit loads shall be controlled by a 2-post battery shut off located next to battery box
- o. X Junction box located in cab for electrical accessories; two-way radio, GPS, etc.
- p. X A body junction box will be located behind cab and will have the following systems:
marker lights, left and right turn signals, stop lights, backup lights, and back up horn. The box will have stud connections.

3.10 CAB:

- a. X Low entry forward tilt cab over engine
- b. X Tilt cab with hydraulic and air assist
- c. X Right side drive
- d. X High back air suspension seat both sides
- e. X Seat belts for two (2)
- f. X Blue Tooth connectivity
- g. X Fresh air heater and defroster
- h. X Factory installed air conditioning – must maintain 20-degree F. temperature drop to 100 degree ambient temperature.
- i. X Dual sun visors
- j. X Dual west coast type mirrors, heated, motorized remote adjustable, up/down in/out with 8" bolt on heated spot mirrors.
- k. X Air horn right side
- l. X OEM installed AM/FM Radio
- m. X Tinted glass
- n. X Roll down windows to bottom of window frame
- o. X Cab entry handle and safety step at each of the two (2) doors

3.11 FRAME:

- a. X Frame rails: steel channel painted black, assembled with Huck fasteners.
- b. X Successful vendor shall be responsible to coordinate chassis and body providing proper mounting and weight distribution.
- c. X 42" maximum frame height
- d. X Painted steel front bumper
- e. X Single tow loop fully braced to the chassis frame
- f. X Successful vendor shall be responsible to coordinate chassis and body to provide best location (except for stated mounting locations) of frame mounted tanks and accessories.

3.12 FUEL TANK:

- a. ☒ Minimum Seventy (70) gallon aluminum safety tank
- b. ☒ DEF tank of sufficient size to run two tanks of fuel to one DEF or greater
- c. ☒ Frame mount, left hand preferred.

3.13 COLOR:

- a. ☒ Exterior color – White polyurethane enamel
- b. ☒ Interior color - Grey

4. *ITEM 2-AUTOMATED SIDE LOAD SOLID WASTE COLLECTION BODY SPECIFICATIONS*

4.1 BODY CONSTRUCTION:

- a. ☒ Twenty-seven (27) cubic yard capacity of body and tailgate excluding hopper
- b. ☒ Body sides shall taper front to rear to facilitate unloading
- c. ☒ Sidewall to be 12-gauge A 1011, 80,000 psi
- d. ☒ Floor to be 3/16" AR100 100,000 psi
- e. ☒ Roof shall be 12-gauge A-715 GR 80F high tensile steel, 80,000 psi
- f. ☒ Body shall be all welded construction and liquid tight up to 40" inside body
- g. ☒ Sides, front and rear to be reinforced for strength requirements
- h. ☒ Reinforcement design and characteristics dependent upon construction methods used, must be certified to meet the specified compacting requirements without body distortion
- i. ☒ Entire body must be completely cleaned (ex. dirt, oil, slag, etc...) prior to priming.
- j. ☒ Body paint and color must be white urethane enamel. Minimum 2.5 mil thickness.
- k. ☒ Body will have a two (2) year complete warranty to include all switches, valves and controls that work body
- l. ☒ Curb side ladder at hopper
- m. ☒ Outside width not to exceed 96"
- n. ☒ Height above frame 110" maximum

4.2 REAR TAILGATE:

- a. ☒ Hinged above roofline, lifted and locked by double acting hydraulic cylinders
- b. ☒ Hydraulic cylinders to have flow restrictors to limit sudden decent and check valves to keep tailgate closed
- c. ☒ Safety pin to hold lock mechanism to prevent accidental opening
- d. ☒ Hinge pins with grease fittings and hoses to be greaseable from ground
- e. ☒ P-type Neoprene seal at bottom to height of 40" shall form water tight seal
- f. ☒ Tailgate to be 12-gauge ASTM A715 80,000 psi
- g. ☒ Tailgate shall have safety prop
- h. ☒ Manual control valve located in cab to prevent accidental activation
- i. ☒ Light and audible alarm provided to indicate when tailgate is unlocked
- j. ☒ Approved under ride guard bolted to bottom of door to be clear of refuse during unloading.
- k. ☒ Camera mounted to rear tailgate center to work when reverse is selected.

4.3 HOPPER:

- a. ☒ Five (5) cubic yard capacity of hopper

- b. X Hopper floor ¼" Hardox 400 replaceable liner
- c. X Hopper bottom shall be rounded ¼" 50W resistant steel
- d. X Hopper shall have three (3) ½" X 1 ½" flat Hardox guiding bars
- e. X Hopper shall have a material displacement rate of seven (7) cubic yards per minute

4.4 PACKER:

- a. X Packing shall be accomplished by auger system. Auger mechanism must meet all applicable standards
- b. X Speed sensor must be incorporated within the auger mechanism allowing the auger to be automatically engaged in reverse in case of jamming
- c. X Auger RPM shall be adjustable and delivered @ 30 RPM
- d. X Auger maximum torque shall be 21,000 pounds feet.
- e. X Must pack dry household trash at 1,000 lbs. per cubic yd.
- f. X Length of auger shall be a minimum of 81"
- g. X Auger mechanism to retain compacted material in body
- h. X Packing cycle shall be automatically activated by trigger on the arm joystick

4.5 HYDRAULIC SYSTEM:

- a. X Hydraulic system designed to operate cart lift and packer functions at idle in gear
- b. X PTO driven duel piston pumps. One for body functions and one for arm functions
- c. X Body function pump shall be: 10.6 gpm max @ 3700 psi @ 700 rpm
- d. X Arm functions pump shall be: 13.4 gpm max @ 2000 psi @ 700 rpm
- e. X Reservoir capacity 50 gallons, frame mounted with magnetic drain plug
- f. X Reservoir shall have easily visible sight gauge for oil level and temperature
- g. X Shut off valve on suction line and check valve on return to service system without draining
- h. X 100 mesh stainless steel suction line strainer, rated @ 100 gpm
- i. X In tank return filter rating of 7 micron, rated @ 100 gpm
- j. X All hoses shall be double wire braid appropriately rated for operating pressure
- k. X High flex hoses to be used at hinge points
- l. X All tubing and hoses shall be securely clamped to prevent vibration, abrasion, and snagging.
- m. X System shall be capable of continuous operation at 100 F. degrees ambient temperature, without external coolers
- n. X Quick disconnect hydraulic test ports shall be installed, (include one test gauge per truck)
- o. X All cylinder rods shall be chrome plated or nitrated
- p. X All cylinders shall have a three (3) year warranty
- q. X Transmission driven Hot Shift PTO and pumps, must be supported with brace to rear of pumps
- r. X Hydraulic control assemblies must be located so that at no time or load conditions it becomes necessary to remove load to service these components
- s. X Must have protective cover on pack manifold

4.6 BODY LIFT:

- a. X Dumping to be accomplished by raising body, full eject bodies are not acceptable
- b. X Hydraulic lift system must have dual body lift cylinders to lift fully loaded body
- c. X Three (3) stage telescopic cylinders with 77" stroke
- d. X Body shall be securely mounted with a pivot hinge at rear of chassis frame. Guides shall

- e. X be provided at front of body to securely align body to chassis frame.
- f. X Safety stands with locking device for servicing under the body
- g. X Body dump angle shall be such that all refuse in body will be removed without sticking or bridging. Body dump angle of 45 degrees
- h. X Dump and rear door controls to be mounted in cab.
- i. X Control pane must be interlocked with manual override to prevent accidental opening
- j. X Light and audible alarm to indicate when body is raised

4.7 LUBRICATION

- a. X All body hinges, cylinder rod ends, cylinder base trunnions, and pivot points shall be supplied with grease fittings.
- b. X Each high grease point shall be fitted with individual ground level fitting and steel or reinforced flexible lines. Group fitting mount location wherever practical.
 - o Tailgate hinge pins
 - o Tailgate lift cylinder bases

4.8 LIFT ARM & GRIPPER:

- a. X Arm and gripper to be hydraulically operated and controlled by joystick in cab
- b. X Joystick shall be conveniently located to the left of the operator
- c. X Ergonomically designed padded armrest shall be provided to support the operators arm
- d. X Auxiliary controls located by driver's seat for operation from ground level
- e. X Lock valve integrated in the inner boom cylinder to prevent any movement without action of joystick or auxiliary controls
- f. X Lifting capacity, 500 lbs at any point to which the arm is extended (**Bidder shall provide certification of this capability with bid**)
- g. X Horizontal reach shall be 144" from retracted to fully extended position
- h. X Maximum arm cycle time for grip, lift, dump, lower and release: 8 seconds at engine idle
- i. X Lifting and gripping shall be a rack and pinion mechanism for a constant speed
- j. X Container shall be tilted a minimum of 45 degrees past horizontal to ensure clean dumping
- k. X Arm shall be capable of handling carts from 32 to 110 gallons
- l. X Lifting mechanism mounted between cab and body to chassis frame
- m. X Arm shall be capable of handling carts placed 24" above or below roadway surface.
- n. X Grab clamp shall be spring steel (3/8 X 4") with 5/8" X 4" – 3 ply nylon belt incorporated to the grippers
- o. X Minimal gripping force of 1,800 psi to be applied to container to provide retention and also for limiting the radial force applied to prevent container damage
- p. X Grab clamp shall be operated by a single hydraulic cylinder
- q. X Grab clamp shall be fitted with a spill shield
- r. X Arm shall be a self-contained assembly that can be unbolted and interchanged or replaced with minimal number of bolts and hydraulic fittings

4.9 CONTROLS

- a. X Controls shall be mounted in a console readily accessible to operator
- b. X Arm and gripper to be controlled by joystick in cab
- c. X Joystick shall be conveniently located to the left of the operator
- d. X Ergonomically designed, padded armrest shall be provided to support operators arm
- e. X Auxiliary controls located by driver's seat for arm and gripper operation from ground

- level
- f. ☒ Bed lift and tailgate shall be operated by switches located in control console
- g. ☒ Packer controls shall consist of automatic, start, retract, and emergency stop
- h. ☒ Large red emergency stop button shall immediately stop hydraulic system at any time
- i. ☒ Indicator light in console shall warn of emergency stop activation
- j. ☒ Selectable auto pack function shall activate packer each time the cart dump is activated.
- k. ☒ Tailgate lift shall be activated from the control console. Safety lock shall prevent accidental activation.
- l. ☒ Audible alarm and console mounted warning light will indicate tailgate is open and/or unlocked
- m. ☒ Audible alarm and console mounted warning light will indicate bed not fully seated down

4.10 BODY ELECTRICAL:

- a. ☒ Lighting shall comply with requirements of FMVSS#108.
- b. ☒ Two (2) red 4.0" LED brake/marker lights, two (2) red 4.0" LED turn/marker lights and two (2) 4.0" clear LED flood lamp reverse lights shall be rubber grommet integrated into the lower rear of the body tailgate
- c. ☒ Two (2) red 4.0" LED brake/marker lights, two (2) amber 4.0" LED turn/marker lights, and five (5) red LED marker lights shall be rubber grommet integrated into the top rear of the body tailgate
- d. ☒ Rubber grommet mounted LED side marker lights.
- e. ☒ Rubber grommet mounted LED turn signal mounted low near middle of body.
- f. ☒ All wiring shall be in protective conduit or loom.
- g. ☒ All wiring connections shall have permanent waterproof connectors. "Scotch-Lock" or other non-water tight connectors are unacceptable.
- h. ☒ 80 dba backup alarm
- i. ☒ One amber strobe light mounted at center portion of tailgate bustle, operated by dash mounted rocker switch.
- j. ☒ LED work light mounted to illuminate hopper with individual toggle switch.
- k. ☒ LED work light mounted to illuminate cart lift with individual toggle switch.
- l. ☒ 6.8" diagonal Safety Vision SV500 or approved equal 4 picture color monitor
- m. ☒ Rear mounted camera (SV-620 or equal) shall provide clear view to rear of truck when backing.
- n. ☒ Hopper mounted camera (SV-620 or equal) shall provide clear view of hopper and cart in dump position.
- o. ☐ Side body mounted camera (SV – 620 or equal) to show container at curb
- p. ☒ Left side, mirror mounted camera to view traffic.

4.11 ACCESSORIES:

- a. ☒ Tool box mounted left side underbody: 18" h. x 18" d. x 24" l. aluminum diamond plate with vertical hinge, waterproof gaskets and drip rails, twist "T" or "D" handle latch.
- b. ☒ Mounting brackets for one long handle square point shovel and one long handle push broom
- c. ☒ One (1) heavy duty fire extinguisher bracket and 10 lb ABC fire extinguisher to be frame mounted next to tool box
- d. ☐ Mud guards at front of forward tandem axle.
- e. ☒ Mud flaps in rear of the tandem axles (No logos).
- f. ☒ All grease points must be accessible from ground level

- g. X Deflector shield to protect wiring at tailgate hinge point
- h. X Hopper work light
- i. X Air hose connection with flex hose & OSHA approved blower located in cab to aid in cleaning
- j. NA Please list and price as an option any hybrid drive/or operation system that could be an option for the City of Fayetteville to consider. This will not be considered in the award of bid.

4.12 COLOR:

- a. X Exterior color – White polyurethane enamel

5. **WARRANTY-**

- 5.1 Yes No Cab and chassis will be warranted for 3 years/150,000 miles or the manufacturer's standard warranty, whichever is greater.
- 5.2 Yes No Engine, drive train and axles will be warranted for 5 years/200,000 miles or the manufacturer's standard warranty, whichever is greater.
- 5.3 Yes No Engine to include injectors, turbo, DEF system and drive axles shall be warranted for 5 five years/ 200,000 miles or the manufacturer's standard warranty, whichever is greater.
- 5.4 Yes No Allison transmission shall be warranted for five (5) years
- 5.5 Yes No Refuse Body, Accessories, Paint and Installation will be warranted for 2 years or the manufacturer's standard warranty, whichever is greater.
- 5.6 Yes No Hydraulic Pump, hydraulic cylinders and valves shall be warranted for three (3) years. Successful vendor shall maintain one of each cylinder in stock at City of Fayetteville and authorize the City to perform warranty exchange with reimbursement of reasonable shop labor costs.
- 5.7 Yes No Warranty shall include all parts, labor, and transportation to the location of the warranty administrator.
- 5.8 Yes No Successful vendor shall be responsible for warranty administration of entire unit.
- 5.9 Each unit shall be delivered with the following warranty documents which shall be placed into effect upon the first day unit is placed into service:
 - a. X Manufacturer's warranty which shall be honored at any local manufacturer-authorized dealership.
 - b. X Manufacturer's warranty shall be provided for each supplemental unit mounted on and delivered with each primary unit.
 - c. X Enter a yes or no on each warranty line (5.1-5.8). Do Not supply warranty papers for us to interpret whether you meet or not! If a simple yes or no is not chosen, your bid will be disqualified as incomplete.

6. **STANDARDS-**

- 6.1 Each unit shall meet or exceed the following applicable standards.
- a. X Environmental Protection Agency's Exhaust Emission Standards (EPA).
 - b. X Occupational Safety and Health Administration Standards (OSHA).
 - c. X Arkansas State Highway Commission Regulations regarding vehicle markings, lighting and reflectors

7. DELIVERY / DOCUMENTATION -

- 7.1 All units are to be delivered F.O.B. to the City's Fleet Operations facility, located at 1525 S. Happy Hollow Road, Fayetteville, Arkansas 72701, for compliance review and final acceptance
- 7.2 Delivery shall include the following documents as a minimum:
- a. X Manufacturer's Certificate of Origin
 - b. X Odometer statement
 - c. X Dealer invoice
 - d. X A complete list with part numbers of all service filters and other regular preventive maintenance supplies.
- 7.3 Units must be fully assembled, serviced, and ready for operation as delivered.

8. MANUALS -

- 8.1 The successful bidder agrees to furnish one (1) set each of the following list of manuals:
- a. X Operator's Manual (1 file copy *plus* one (1) copy for each machine purchased)
 - b. X Service Manual (Paper, CD, or DVD format)
 - c. X Parts Manual (Paper, CD, or DVD format)
- 8.2 Payment(s) may be held until all manuals and certifications are delivered to the City of Fayetteville Fleet Operations Division.

9. TRAINING -

- 9.1 Training quoted below shall be arranged through Fleet Operations for both, operators and technicians, by a qualified instructor at a location designated and provided by the City.
- a. X Operator Training (REQUIRED) - This training shall include proper operating techniques and daily maintenance including lubrication, inspection of fluid checks and adjustments. This training shall be designed to instruct qualified vehicle operators.
 - b. X Maintenance Training (REQUIRED) - This training shall be designed to instruct qualified mechanics in techniques and procedures that are needed to understand the repair and maintenance of new unit model supplied. The factory shall provide 8 hours of training to the City of Fayetteville techs in a class room and shop environment.

10. SUPPORT SERVICES -

- 10.1 Repair Parts Inventory - stock of standard repair parts for units bid must be available to the City of Fayetteville within twenty-four (24) hours of part(s) requested. Parts inventory availability will be

considered in the purchasing decision.

- 10.2 Maintenance Service - Fully trained maintenance personnel shall be available for service within twenty-four (24) hours of repair requests. This shall include warranty service. Availability of maintenance personnel and facilities will be considered in the purchasing decision. Name and address of authorized repair facility for body and chassis must be included with bid. A fee of 100.00 per day can be assessed if a Warranty repair is not completed within (3) three days upon notification of a warranty repair being needed. *yes*
- 10.3 Body Warranty repairs will be performed by a fully trained dealer. The City of Fayetteville wishes to become the Warranty Dealer for the repairs and will work out terms with Manufacturer before bid is awarded. *yes*

The vehicle and body that is bid must be available if requested for a (3) day Demo by the City of Fayetteville.

yes

New Way Contract # 112014-NWY
 Quote for: City of Fayetteville Ar-Jesse
 1560 Happy Hollow Ln
 Fayetteville, AR 72701
 Dealer: Arkansas Municipal
 Date: 2/4/2019
 Sourcewell Member#:

Dealer must receive copy of PO
 You may, in addition, send a copy of PO to:
 New Way Trucks
 P.O. Box 336
 Scranton, IA 51462

1		27 yd Dump		\$130,116.76
STD		Hot Shift PTO, Tandem Vane		
1	RP1	Halogen Back-up Lights on Tailgate (2)		\$539.21
1	RP2	(2) Halogen Work Lights		\$391.87
STD	RP3	Integrated Strobe Light Package System - 2 round lights mounted upper		
1	RP4	Integrated Strobe Light Package System - 2 round lights mounted lower		\$518.75
1	RP8	Zone Defense Triple Camera/Flat Split Screen Color 7.0"		\$2,419.80
STD		Acrylic Urethane Enamel (White to match chassis) - Body		
STD		Arm Control Joystick on Counsel		
1	RP11	Arm Controls Rocker Switches Under Seat		\$884.02
1	RP13	Hopper Access Ladder		\$760.22
1		Fender extension		\$566.13
1		Camera sysyem with dvr to record		\$2,000.00
1		Can counter		\$311.23
1		Grease zerks on tailgate and body hoist Cylinder		\$311.23
1		Chassis to include 5yr Allison and disc brakes		
		Optional Spare Auger \$7,100(NET) \$7,100		
1		Freight - Ginove to New Way		\$4,000.00
1		Chassis	To Distributor	\$137,349.00
1		Freight		\$1,000.00
		Total		\$281,168.22
1		ATD Discount		-\$2,013.00
		Total Cost Per Sourcewell Contract		\$279,155.22
CITY MEMBER # MUST BE ON P.O.				

Purchase Order # _____

Date _____