

City of San Antonio

ADDENDUM I

SUBJECT: Formal Request For Offer (RFO) 6100008207 REFUSE COLLECTION TRUCKS scheduled to open Wednesday, November 9, 2016 date of issue October 27, 2016.

DATE: November 4, 2016

THE ABOVE MENTIONED REQUEST FOR OFFER (RFO) IS HEREBY AMENDED AS FOLLOWS:

1. **THE REQUEST FOR OFFER OPENING DATE REMAINS WEDNESDAY, NOVEMBER 4, 2016, 10:00 a.m. CENTRAL TIME.**
2. **Document Section 004 – Specifications / Scope of Services, Item Description changed to read:**

Changed to read:

- 4.1 **SCOPE:** The City of San Antonio is issuing this Request for Offer (RFO) to furnish a total 25 Turnkey Refuse Collection Trucks with High Compaction Automated Side Load Body in accordance with the Building and Equipment Services Department - Fleet Services specifications listed herein. These vehicles will include cab and chassis, and refuse body. These trucks will be utilized for refuse collection by the Solid Waste Management Department. These vehicles specified are for 7 Peterbilt 320 Cab and Chassis with a Scorpion 30 Cubic Yard Capacity, 6 Mack LR613 Cab and Chassis with a Heil Durapak Python Refuse Collection Body, 6 Mack LR613 Cab and Chassis with a Scorpion 30 Cubic Yard Capacity Refuse Body and 7 Autocar ACX64 CNG Cab/Chassis with a Heil Durapak Python 26 Cubic Yard Refuse Body (NO ALTERNATIVES WILL BE CONSIDERED).

Changed to read:

4.3.4.1 DELETED.

4.4	ITEM	QUANTITY	DESCRIPTION
	1	7	Refuse Collection Trucks Peterbilt 320 Cab and Chassis Minimum 66,000-lbs. GVWR with a Scorpion 30 Cubic Yard Capacity Automated Side Loader Refuse Body (NO ALTERNATIVES)

Changed to read:

- 4.4.2 **ENGINE:** Must meet as a minimum the 2013 U.S. EPA emission standards. Ultra Low Sulfur Diesel, water cooled, Cummins 12 Liter, minimum 350 horsepower rated at

manufactured recommended RPM of 2,100, producing a minimum of 1,450 lbs./ft. of torque. A single element, dry type air cleaner and pre cleaner element to be equipped. Engine alternator to be a Delco 12V 160A. Batteries to be three (3) PACCAR Premium 12V Dual Purpose 2100 CCA with a Kissling battery disconnect switch. Diesel Exhaust Fluid (DEF) tank to be equipped to work in conjunction with Exhaust/Emissions system. Exhaust after-treatment system diesel particulate filter to be a ceramic passive regeneration type equipped with a Diesel Particle Filter (DPF) Smart Switch. A DPF Regenerative Switch Inhibitor will not be available. Limiting speed to be 65 MPH. The engine idle time will be limited to 5 minutes.

Changed to read:

- 4.4.5 **TRANSMISSION:** Allison 4500 Series, 6 Speed; Vocation, RDS –R 5th Generation push button controls to include a direct mount oil cooler, external oil cooler, internal filter, and oil level sensor. Unit to have the largest capacity oil pan that will fit this application and filled with synthetic transmission fluid. Transmission Shift Schedule to be primary performance then secondary then economy to provide optimal performance. Generation 5 Allison output retarder for RDS Transmission w/ Prognostics to be equipped with a PTO Transmission Mounted Audible Alarm. Unit to be equipped with a Spicer 1810HD half round Driveshaft w/ Transmission Retarder. Direct mount rear engine PTO (REPTO), furnish pump MTG provisions-include wiring switches and indicators as required. Transmission cooler must be oil to water type.

Changed to read:

- 4.4.6 **FRONT AXLE:** Minimum 20,000 lbs. capacity 3.5in drop Factory front axle alignment to improve handling and reduce tire wear; Dana Spicer D2000F or equivalent. Axle to be equipped with Zerk fittings on tie rod ends, kingpins, and draglink ball joints. 20,000lbs shocks, Taper leaf springs, and Bendix or Meritor air cam front drum brakes (16.5 x 7) shall be used with 16,000-22,000 lbs. steer axles.

Changed to read:

- 4.4.7 **REAR AXLE:** The rear drive axle (single & tandem) to be a Hendrickson Haulmax HMX4600 rated at 46,000 lbs. with 54in axle spacing, 60K creep rating. Bendix Air Cam rear drum brakes; 16.5x8.6 with heavy duty brake drums and gusseted cam brackets. Driver controlled inter wheel differential lock for both RR axles, manual air valve w/ warning light

Changed to read:

- 4.4.13 **LIGHTING:** Head Light Lamps to be single rectangular halogen type or LED head lights if available. Front turn signals and Clearance Lights to be LED. Turn signals & flasher switches will be self-canceling. Marker lamps, amber LED roof markers, parking lamps, and corner marker lamps will be wired to battery shut-off. Unit will be equipped with running daytime lamps; identification/clearance lights; seven (7) marker and clearance, and provision for local installation of strobe lights. Unit to be equipped with (2) dome lights w/self-contained switches (one each side). All electrical connections shall be waterproof sprayed w/protective coating. No LED manual cut-off switch in cab. Side Markers, Lamps and Reflectors to meet or exceed Federal Regulations.

Changed to read:

- 4.4.15 **FRONT TIRES/WHEELS:** Disc wheel type, 22.5" x 9.0" Accuride 10-Hole Piloted. Tire size & load range to be 315/80R 22.5 L. No spare tires needed. All wheels will have orange in color loose wheel lug nut indicators installed Front and Rear.

Changed to read:

4.4.16 REAR TIRES/WHEELS: Disc wheel type, 22.5" x 9.0" HP, 5HH, 10-Hole Piloted. Tire size & load range to be 315/80R 22.5 L. No spare tires needed. All wheels will have orange in color loose wheel lug nut indicators installed Front and Rear.

Added:

4.4.27.7 The unit will have an audible alarm and flashing light in cab to indicate the lifting arm is out when the vehicle is in motion.

4.5	ITEM	QUANTITY	DESCRIPTION
	2	6	Refuse Collection Trucks Mack LR613 Cab and Chassis Minimum 66,000-lbs. GVWR with a Heil Durapack Python Refuse Collection Body 28 plus Cubic Yard, High Compaction, Automated, Side Load (NO ALTERNATIVES)

Changed to read:

4.5.2 ENGINE: Must meet as a minimum the 2013 U.S. EPA emission standards. Ultra Low Sulfur Diesel, water cooled, minimum 345 horsepower rated at manufactured recommended RPM (1,500-1,700), producing a minimum of 1,275 lbs. of max torque @ 1,100-1,350 RPM output. A front mounted engine PTO (FEPTO), must be equipped with power take off hydraulic pump, furnish pump MTG provisions-include wiring switches and indicators as required. A single element, dry type air cleaner and pre-cleaner element to be equipped. Engine alternator to be a minimum 12V 160A. Batteries to be three (3) Mack 12V 760/2280 CCA Threaded Stud Type. Starter to be 12 volts. DEF fluid tank to be equipped to work in conjunction with Exhaust /Emissions system. Exhaust after-treatment system diesel particulate filter to be a ceramic passive regeneration type equipped with a Diesel Particle Filter Smart Switch. A DPF Regeneration Switch Inhibitor will not be available. Limiting speed to be 65 MPH. The engine idle time will be limited to 5 minutes.

Changed to read:

4.5.5 TRANSMISSION: Allison 4500 Series, 6 Speed; Vocation, RDS -R 5th Generation push button controls to include a direct mount oil cooler, external oil cooler, internal filter, and oil level sensor. Unit to have the largest capacity oil pan that will fit this application and filled with synthetic transmission fluid. Transmission Shift Schedule to be primary performance then secondary then economy to provide optimal performance. Generation 5 Allison output retarder for RDS Transmission w/ Prognostics to be equipped with a PTO Transmission Mounted Audible Alarm. Unit to be equipped with a Spicer 1810HD half round Driveshaft w/ Transmission Retarder. Transmission cooler must be oil to water type.

Changed to read:

4.5.6 FRONT AXLE: Minimum 20,000 lbs. capacity equipped with Mack FXL20 wide pivot center straight spindle/unitized bearings. Front springs to be Mack Taper leaf 20,000 lbs. ground load rating, static load cushion equipped. Front Brakes to be Meritor front air disc with dust shields.

Changed to read:

4.5.7 REAR AXLE: Minimum 46,000 lbs. capacity and equipped with a rear drive axle. Rear disc brakes to be Meritor and equipped with the 4S/4M system sensing both rear axles w/ wheel

end sensors. V-Rods for m drive suspension and driver controlled inter wheel differential lock both RR Axles with manual air valve w/warning lights to be equipped.

Changed to read:

4.5.14 LIGHTING: Head Light Lamps to be single rectangular halogen type or LED head lights if available. Front turn signals and Clearance Lights to be LED. Turn signals & flasher switches will be self-canceling. Marker lamps, amber LED roof markers, parking lamps, and corner marker lamps will be wired to battery shut-off. Unit will be equipped with running daytime lamps; identification/clearance lights; seven (7) marker and clearance, and provision for local installation of strobe lights. Unit to be equipped with (2) dome lights w/self-contained switches (one each side). All electrical connections shall be waterproof sprayed w/protective coating. No LED manual cut-off switch in cab. Side Markers, Lamps and Reflectors to meet or exceed Federal Regulations;

Changed to read:

4.5.16 FRONT TIRES/WHEELS: Disc wheel type, 22.5" x 9.0" Accuride 10-Hole Piloted. Tire size & load range to be 315/80R 22.5 L. No spare tires needed. All wheels will have orange in color loose wheel lug nut indicators installed Front and Rear.

Changed to read:

4.5.17 REAR TIRES/WHEELS: Disc wheel type, 22.5" x 9.0" HP, 5HH, 10-Hole Piloted. Tire size & load range to be 315/80R 22.5 L. No spare tires needed. All wheels will have orange in color loose wheel lug nut indicators installed Front and Rear.

Added:

4.5.28.7 The unit will have an audible alarm and flashing light in cab to indicate the lifting arm is out when the vehicle is in motion

4.6	ITEM	QUANTITY	DESCRIPTION
	3	5	Refuse Collection Trucks Mack LR613 Cab and Chassis Minimum 66,000-lbs. GVWR with a Scorpion 30 Cubic Yard Capacity Automated Side Loader Refuse Body (NO ALTERNATIVES)

Changed to read:

4.6.1 The below listed specifications are intended to describe a low entry, cab forward, hydraulic tilt type cab and chassis, Mack - LR613 Cab and Chassis. Maximum insulation for the engine compartment will be used to prevent heat and noise from penetrating into the cab.

Changed to read:

4.6.2 ENGINE: Must meet as a minimum the 2013 U.S. EPA emission standards. Ultra Low Sulfur Diesel, water cooled, minimum 345 horsepower rated at manufactured recommended RPM (1,500-1,700), producing a minimum of 1,275 lbs. of max torque @ 1,100-1,350 RPM output. A single element, dry type air cleaner and pre-cleaner element to be equipped. Engine alternator to be a minimum 12V 160A. Batteries to be three (3) Mack 12V 760/2280 CCA Threaded Stud Type. Starter to be 12 volts. DEF fluid tank to be equipped to work in conjunction with Exhaust /Emissions system. Exhaust after-treatment system diesel particulate filter to be a ceramic passive regeneration type equipped with a

Diesel Particle Filter Smart Switch. A DPF Regeneration Switch Inhibitor will not be available. Limiting speed to be 65 MPH. The engine idle time will be limited to 5 minutes.

Changed to read:

4.6.5 TRANSMISSION: Allison 4500 Series, 6 Speed; Vocation, RDS -R 5th Generation push button controls to include a direct mount oil cooler, external oil cooler, internal filter, and oil level sensor. Unit to have the largest capacity oil pan that will fit this application and filled with synthetic transmission fluid. Transmission Shift Schedule to be primary performance then secondary then economy to provide optimal performance. Generation 5 Allison output retarder for RDS Transmission w/ Prognostics to be equipped with a PTO Transmission Mounted Audible Alarm. Unit to be equipped with a Spicer 1810HD half round Driveshaft w/ Transmission Retarder. Direct mount rear engine PTO (REPTO), furnish pump MTG provisions-include wiring switches and indicators as required. Transmission cooler must be oil to water type.

Changed to read:

4.6.6 FRONT AXLE: Minimum 20,000 lbs. capacity equipped with Mack FXL20 wide pivot center straight spindle/unitized bearings. Front springs to be Mack Taper leaf 20,000 lbs. ground load rating, static load cushion equipped. Front Brakes to be Meritor front air disc with dust shields.

Changed to read:

4.6.7 REAR AXLE: Minimum 46,000 lbs. capacity and equipped with a rear drive axle. Rear disc brakes to be Meritor and equipped with the 4S/4M system sensing both rear axles w/ wheel end sensors. V-Rods for m-drive suspension and driver controlled inter wheel differential lock both RR Axles with manual air valve w/warning lights to be equipped.

Changed to read:

4.6.14 LIGHTING: Head Light Lamps to be single rectangular halogen type or LED head lights if available. Front turn signals and Clearance Lights to be LED. Turn signals & flasher switches will be self-canceling. Marker lamps, amber LED roof markers, parking lamps, and corner marker lamps will be wired to battery shut-off. Unit will be equipped with running daytime lamps; identification/clearance lights; seven (7) marker and clearance, and provision for local installation of strobe lights. Unit to be equipped with (2) dome lights w/self-contained switches (one each side). All electrical connections shall be waterproof sprayed w/protective coating. No LED manual cut-off switch in cab. Side Markers, Lamps and Reflectors to meet or exceed Federal Regulations.

Changed to read:

4.6.16 FRONT TIRES/WHEELS: Disc wheel type, 22.5" x 9.0" Accuride 10-Hole Piloted. Tire size & load range to be 315/80R 22.5 L. No spare tires needed. All wheels will have orange in color loose wheel lug nut indicators installed Front and Rear.

Changed to read:

4.6.17 REAR TIRES/WHEELS: Disc wheel type, 22.5" x 9.0" HP, 5HH, 10-Hole Piloted. Tire size & load range to be 315/80R 22.5 L. No spare tires needed. All wheels will have orange in color loose wheel lug nut indicators installed Front and Rear.

Added:

- 4.6.28.7 The unit will have an audible alarm and flashing light in cab to indicate the lifting arm is out when the vehicle is in motion

Changed to read:

4.7	ITEM	QUANTITY	DESCRIPTION
	4	7	Refuse Collection Trucks Autocar ACX64 CNG Cab and Chassis Minimum 66,000-lbs. GVWR with a Heil Durapak Python 26 Cubic Yard, High Compaction, Automated Side Loader Refuse Body (NO ALTERNATIVES)

Changed to read:

- 4.7.3 **ENGINE EQUIPMENT:** Cummins GAS, CM2180A, engine protect system warning to be audible/visual alarm/LOP, HT, LWL. No additional fuel filter provided. Natural Gas fuel cleaner mounted. Standard engine oil. 1300 sq. inch 2 row high capacity aluminum radiator with extended life coolant. 2 speed fan & drive engine. Radiator surge tank w sight glass. 16" two stage air cleaner, black hood type air intake rain cap. Single vertical left hand side muffler system. Stainless steel vertical muffler shield-single, vertical diffuser, single stainless steel exhaust stack. No DEF tank provided. Aluminum turbo/exhaust pipe debris shield. Air compressor to be Cummins WABCO 18.7 CFM compressor. DELCO Remy 12V 39 MT w/OCF to be the starting motor. DELCO Remy 3681 12V 160 AMP to be the alternator. Unit to be governed at 65; no cruise control. Unit to have an engine idle shutdown enabled at 5 minutes.

Changed to read:

- 4.7.4 **TRANSMISSION:** Allison 4500 Series, 6 Speed; Vocation, RDS -R 5th Generation push button controls to include a direct mount oil cooler, external oil cooler, internal filter, and oil level sensor. Unit to have the largest capacity oil pan that will fit this application and filled with synthetic transmission fluid. Transmission Shift Schedule to be primary performance then secondary then economy to provide optimal performance. Generation 5 Allison output retarder for RDS Transmission w/ Prognostics to be equipped with a PTO Transmission Mounted Audible Alarm. Unit to be equipped with a Spicer 1810HD half round Driveshaft w/ Transmission Retarder. PTO Transmission Mounted Chelsea 890/897 PTO. Direct mount rear engine PTO (REPTO), furnish pump MTG provisions-include wiring switches and indicators as required. Transmission cooler must be oil to water type.

Changed to read:

- 4.7.5 **FRONT AXLE:** Minimum 20,000 lb. capacity, Meritor MFS-20 Steer Axle, 52.5 inches, front suspension to be 9500 low camber and a Flat Leaf 20,800 lb. ground capacity. Suspension, front aux load cushion. Shock absorbers-front to be double acting single-heavy duty. Front hubs to be steel hub piloted .285MM bolt circle. Front wheel oil seals to be Scotseal Plus XL. Front axle hub caps to be CR Zytel hubcap. Front axle lubricant synthetic, Dana Spicer EP75W90, or equivalent. Front axle brake foundation to be Meritor 16.5x7" QP refuse brake. Brake slack adjusters are to be Meritor Automatic. Front brakes to have dust shields and the brake drums to be iron. Steering gear integral, power steering w/ left hand ram. Four quart remote mounted power steering reservoir.

Changed to read:

4.7.6 REAR AXLE: Rear drive axle-single & tandem Meritor RT46-160 46,000lb. Rear axle lube pump-Meritor. Rear drive axle ratio 5.38. Four wheel lock rear drive axle anti-spin devices. Rear Suspensions to be Hendrickson HMX-460 SUSP @54" AS, rear suspension beams to be 54 inch steel rubber bushed. Torque rods to be longitudinal & transversal- rubber bushed. Equipped with Four Hendricks suspension shock absorbers. Rear Hubs to be iron, HP 10 Stud, standard rear axle breather. Wheel oil seals-rear to be Scotseal Plus XL. Rear axle lubricant to be synthetic. Brake-foundation, rear axle to be Meritor 16.5x8.62" QP, rear axle refuse brake. Brake slack adjusters-Rear to be Meritor, automatic tandem axle. Dust shielded rear brakes. Cam type MGM stop guard brake chambers- parking, type/vendor. Rear Brake drum to be iron. Driver controlled inter wheel differential lock both RR Axles with manual air valve w/warning lights to be equipped.

Changed to read:

4.7.15 FRONT TIRES/WHEELS: Disc wheel type, steel, 22.5" x 9.0" Accuride 10-Hole Piloted. Tire size & load range to be 315/80R 22.5 L. No spare tires needed. All wheels will have orange in color loose wheel lug nut indicators Installed Front and Rear. Goodyear G289 WHA, or equivalent.

Changed to read:

4.7.16 REAR TIRES/WHEELS: Disc wheel type, steel, 22.5" x 9.0", HP, 5HH, ACCURIDE #29300. 10-Hole Piloted. Tire size & load range to be 315/80R 22.5 L. No spare tires needed. All wheels will have orange in color loose wheel lug nut indicators installed Front and Rear. Goodyear G289 WHA, or equivalent.

Changed to read:

Hell Durapak Python Refuse Collection Body 26 Cubic Yard, High Compaction, Automated, Side Load (NO ALTERNATES).

Changed to read:

4.7.27 CAPACITY: The packer body to have a capacity, excluding the receiving hopper, of not less than 26-cubic yards. Body will have a 150,000-psi body liner, a 3/16" 150,000-psi hopper floor liner, and manufacturer's severe duty packer wear kit.

Changed to read:

4.6.31.1.7 The unit will have an audible alarm and flashing light in cab to indicate the lifting arm is out when the vehicle is in motion

Attachment A, Price Schedule Item 1 only, Changed to read:

PRICE SCHEDULE

ITEM	QUANTITY	DESCRIPTION
1	7	Refuse Collection Trucks Peterbilt 320 Cab and Chassis Minimum 66,000-lbs. GVWR with a Scorpion 30 Cubic Yard Capacity Automated Side Loader Refuse Body (NO ALTERNATIVES)

PRICE EACH: \$ NO Bid

TOTAL: \$ _____

PETERBILT YEAR of CAB & CHASSIS:

PETERBILT CAB & CHASSIS WARRANTY (Must meet minimum warranty requirements stated herein):

SPECIFIC MAKE & MODEL OF ENGINE OFFERED (INCLUDE SAE NET HP):

ENGINE WARRANTY (Must meet minimum warranty requirements stated herein):

TRANSMISSION WARRANTY (Must meet minimum warranty requirements stated herein):

PETERBILT WARRANTY SERVICE PROVIDER FACILITY NAME:

PETERBILT WARRANTY SERVICE PROVIDER FACILITY ADDRESS:

SCORPION BODY WARRANTY (Must meet minimum warranty requirements stated herein):

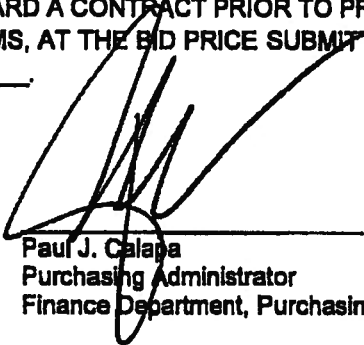
SCORPION WARRANTY SERVICE PROVIDER FACILITY NAME:

SCORPION WARRANTY SERVICE PROVIDER FACILITY ADDRESS:

PRODUCTION CUT-OFF DATE: _____

INDICATE THE LAST DAY THAT THE CITY CAN PLACE ORDERS UNDER THIS CONTRACT WITHOUT MISSING THE PRODUCTION CUT OFF DATE: _____.

BID PRICES SHALL REMAIN FIRM FOR ALL ORDERS PLACED PRIOR TO THIS CUT OFF DATE. IN THE EVENT THAT CITY DOES NOT AWARD A CONTRACT PRIOR TO PRODUCTION CUT OFF DATE, CAN BIDDER PROVIDE BID ITEMS, AT THE BID PRICE SUBMITTED, AFTER THE PRODUCTION CUT OFF DATE? _____.



Paul J. Calapa
Purchasing Administrator
Finance Department, Purchasing Division



Date: 11/8/2016

Company Name: Grande Truck Center

Address: 4562 IH-10 East

City/State/Zip Code: St. Antonio, TX 78219


Signature

