




CITY OF FORT LAUDERDALE
City Commission Agenda Memo
REGULAR MEETING

#16-0083

2-2-16
PUR-4
REVISED

TO: Honorable Mayor & Members of the
Fort Lauderdale City Commission

FROM: Lee R. Feldman, ICMA-CM, City Manager 

DATE: February 2, 2016

TITLE: **REVISED PUR-4:** Motion to Approve the Purchase of an Excavator, and Backhoe from Nortrax, Inc., and Dump Truck from Rechten International Trucks, Inc. Nortrax, Inc. — \$366,302

Recommendation

It is recommended that the City Commission approve the purchase of an excavator, and backhoe, from Nortrax, Inc. and dump truck from Rechten International, Inc. via Florida Sheriffs Association Contract 15-13-0904 ~~from Nortrax, Inc.~~ in the total amount of \$366,302.

Background

The purchase of the excavator (\$125,799), backhoe (\$117,496), and dump truck (\$123,007) is to replace vehicle V5426 (Exhibit 1) vehicle V584145 (Exhibit 2) and vehicle V581544 (Exhibit 3). The City operates and maintains over 1,300 miles of underground sewer and water infrastructure. The Public Works Department's Utilities Division is often required to excavate and expose critical infrastructure for underground repairs and replacement. Dump trucks are used daily to haul, clean and fill construction materials at work sites. Backhoes are used for excavating, backfilling, trenching and loading or unloading of material.

It is essential that this construction equipment functions properly for ensuring the efficient and effective resiliency of City infrastructure. Additionally, excavators, dump trucks and backhoes are assets throughout the response for natural emergencies such as hurricanes and tornadoes and they play a critical role during post disaster recovery, debris collections, and roadway openings.

The City's Fleet Services division conducted a vehicle replacement analysis report for each vehicle proposed for replacement. The vehicles and equipment recommended for replacement meet the criteria for replacement. The criteria used to determine when to replace a vehicle included the following:

- Age and mileage of vehicle
- Type of service for which the vehicle is used

- Reliability over time as the vehicle has aged
- Operating and maintenance costs

The proposed dump truck will be equipped with safety side guards to reduce the risk of pedestrians, cyclists or vehicles from being caught under the trucks during a side collision. Options in the amount of \$4,950 are not included in the options listed in the FSA contract but must be provided at the time of manufacture from the stated manufacturer.

Pursuant to Section 2-189, Code of Ordinances of the City of Fort Lauderdale, Florida, the City may purchase proprietary items, as defined in Section 2-173, without the necessity of public bids. Options in the amount of ~~\$17,987~~\$4,950 are not included in the options listed in the Florida Sheriffs Association contract 15-13-0904 but must be provided at the time of manufacture from the stated manufacturer. As defined by the Code, a proprietary item is not readily available from more than one supplier, manufacturer, or person and is unique in nature.

Resource Impact

There will be a fiscal impact to the City in the amount of \$366,302.

<i>Funds available as of January 8, 2016</i>					
ACCOUNT NUMBER	INDEX NAME (Program)	CHARACTER CODE/ SUB-OBJECT NAME	AMENDED BUDGET (Character)	AVAILABLE BALANCE (Character)	PURCHASE AMOUNT
450-PBS660402-6416	Pipe Construction	Capital Outlay/ Vehicles	\$525,400	\$383,554	\$248,806
470-PBS660502-6416	Stormwater Operations / Storm Drain Repair	Capital Outlay/ Vehicles	\$158,200	\$158,200	\$117,496
TOTAL →					\$366,302

Strategic Connections

This item is a *Press Play Fort Lauderdale Strategic Plan 2018* initiative, included within the Infrastructure Cylinder of Excellence, specifically advancing:

- Goal 1: Be a pedestrian friendly, multi-modal City.
- Objective: 3: Improve pedestrian, bicyclist, and vehicular safety.
- Goal 2: Be a sustainable and resilient community.
- Objective 1: Proactively maintain our water, wastewater, road, and bridge infrastructure.
- Goal 12: Be a leading government organization, managing our resources wisely and sustainably.
- Objective 1: Ensure sound fiscal management.
- Objective 3: Provide safe, efficient and well-maintained vehicles, equipment, and

facilities and integrate sustainability into daily operations.

This item advances the *Fast Forward Fort Lauderdale 2035 Vision Plan: We are Ready.*

Attachments

Exhibit 1 – Excavator ~~Worksheet and Proposal~~Replacement Analysis, Specification, Quote

Exhibit 2 – Backhoe ~~Worksheet and Proposal~~Replacement Analysis, Specification, Quote

Exhibit 3 – Dump Truck ~~Worksheet and Proposal~~Replacement Analysis, Specification, Quote

Prepared by: Aristides Coppin, Finance
 Linda Blanco, Finance

Department Directors: Paul Berg, ICMA-CM, Public Works
 Kirk Buffington, Finance

City of Fort Lauderdale
Fleet Services
Vehicle Replacement Analysis and Summary
V5426
2004 Volvo Excavator

FACTOR POINTS INPUT SCORING GUIDELINES

Age	11.117808	11.11781	One point for each year of chronological age, based on in-service date.
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Miles	0.00	0	One point for each 10,000 miles of use adjusted if excessive idling time (125%).
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Hours	16.97	5,090	One point for each 300 hours of use.
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Type of Service	5	5	1 to 5 points are assigned based on the type of vocational use and service duty.
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Reliability	4	1.02	Points are assigned as 1 to 5 depending on the frequency that the vehicle is in the shop for repair. 5 = two or more times per month average. 4 = one time per month average. 3 = once every two months average. 2 = once every three months average. 1 = once every four months or less average.
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O&M Costs	1	21%	Points assigned based on total life O&M costs compared to vehicle's original purchase price. 1=20%, 2=40%, 3=60%, 4=80%, 5=100%.
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Condition	5	Poor	Takes into consideration body condition, rust, interior condition, accident history, anticipated repairs, etc. A scale of 1 to 5 points. 1 = new, 2 = very good, 3 = good, 4 = fair, 5 = poor.
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Total Points & Summary*	43		Condition IV - Qualifies for Replacement
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SUMMARY*

Points Condition Ranking

<18	I	Excellent
18 to 22	II	Good
23 to 27	III	Requires replacement during current fiscal year
28 or more	IV	Needs immediate replacement due to safety concerns or catastrophic mechanical failure

Fleet Requisition Worksheet

Selected Vendor:	
Nortrax, Inc.	
VN#	251

Requisition #

2016 John Deere JD135G Tracked
Excavator

Requisition unit description:
Florida Sheriffs Association Bid 15-13-0904

Expires: 9/30/2016

Replaces: See below

Equipment Class: 59

Department: PBS

Order Qty	Order Code	Unit Description / Options	Unit Price		Extended Amount
1	75G	CMY 2016 John Deere Hydraulic Excavator, as per Florida Sheriffs Association Bid # 15-13-0904 Specification # 38	\$84,250.00		\$84,250.00
		Upgrade Options			
1	JD135G	Upgrade to John Deere 135G 13.5 metric ton class hydraulic excavator with 28" steel tracks, 9'-11" arm, 30" bucket	\$40,350.00		\$40,350.00
					\$0.00
		Discounted Options	List Price	30% Discount	
1	AT39663	Light package two (2) on cab, one (1) on right side of boom	\$726.00	\$217.80	\$508.20
1	AT421728	Mechanical joystick, pattern changer	\$987.00	\$286.10	\$690.90
			Order total		\$125,799.10

Replaces:
V5426

Total units: 1

Cc: Ken Smith Jr.



A JOHN DEERE COMPANY

**FLORIDA SHERIFFS ASSOCIATION
FLORIDA ASSOCIATION OF COUNTIES
2015-16 Contract for Vehicles and Equipment
Contract Number 15-13-0904
Spec #38 Hydraulic Excavator
Deere 135G LC**

November 20, 2015

Quote for: City of Fort Lauderdale

Base Unit: One (1) Deere 75G Excavator	\$84,250.00
1090 IT IV engine	
1700 JD Link Ultimate GPS Free for 3 Years	
3205 24" Triple Grouser Shoes with Front Blade	
7060 6'11" Arm	

Stated Options from Contract:	
JD135GLC Upgrade to JD135G 13.5 metric ton Excavator	40,350.00
28" steel Tracks, 9'11" Arm, 30" Bucket	

Non-Specified Options Less 30% Discount from List Price:	
AT396663 Extra Light Package	
2 on cab and additional 1 right side boom	726.00
AT421728 Mechanical Joystick Pattern changer	<u>987.00</u>
Total List Non-Specified Options	1,713.00
Less 30% Discount	<u>(513.90)</u>
Total Non-Specified Options	<u>1,199.10</u>

Total Price FOB City of Fort Lauderdale	\$125,799.10
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Greg Dudek Governmental Sales Manager
3933 Martin Luther King Jr Blvd West Palm Beach, FL 33404
Cell Phone (239)-470-0822 Fax (561)-848-7099

**City of Fort Lauderdale
Fleet Services
Vehicle Replacement Analysis and Summary
V5841**

2006 John deere Backhoe

FACTOR POINTS INPUT SCORING GUIDELINES

Age	9.3150685	9.315068	One point for each year of chronological age, based on in-service date.
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Miles	0.00	0	One point for each 10,000 miles of use adjusted if excessive idling time (125%).
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Hours	7.52	2,255	One point for each 300 hours of use.
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Type of Service	5	5	1 to 5 points are assigned based on the type of vocational use and service duty.
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Reliability	4	1.39	Points are assigned as 1 to 5 depending on the frequency that the vehicle is in the shop for repair. 5 = two or more times per month average. 4 = one time per month average. 3 = once every two months average. 2 = once ever three months average. 1 = once every four months or less average.
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O&M Costs	1.5	31%	Points assigned based on total life O&M costs compared to vehicle's original purchase price. 1=20%, 2=40%, 3=60%, 4=80%, 5=100%.
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Condition	5	Poor	Takes into consideration body condition, rust, interior condition, accident history, anticipated repairs, etc. A scale of 1 to 5 points. 1 = new, 2 = very good, 3 = good, 4 = fair, 5 = poor.
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Total Points & Summary*	32		Condition IV - Qualifies for Replacement
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SUMMARY*

<u>Points</u>	<u>Condition</u>	<u>Ranking</u>
<18	I	Excellent
18 to 22	II	Good
23 to 27	III	Requires replacement during current fiscal year
28 or more	IV	Needs Immediate replacement due to safety concerns or catastrophic mechanical failure

Fleet Requisition Worksheet

Selected Vendor:	
Nortrax, Inc.	
VN#	251

Requisition #

Requisition unit description: 2016 John Deere 410L Loader Backhoe
Florida Sheriffs Association Bid 15-13-0804

Expires: 9/30/2016

Replaces: See below

Equipment Class:

Department: PBS

Order Qty	Order Code	Unit Description / Options	Unit Price		Extended Amount
1		CMY 2016 John Deere 4X4 Loader Backhoe with canopy, as per Florida Sheriffs Association Bid # 15-13-0804 Specification # 23	\$64,690.00		\$64,690.00
		Options			
1	JD410L	Model upgrade to 410L 4X4 backhoe	\$12,180.00		\$12,180.00
1	6020	Extendible rear dipperstick	\$5,292.00		\$5,292.00
1	6220	Auxiliary hydraulics one way flow for hammer	\$1,695.00		\$1,695.00
1	5285	Pilot joystick rear controls	No charge		No charge
1	7085	3rd function loader hydraulics, quick coupler and ride control	\$6,310.00		\$6,310.00
1	7685	1.32 yard multi purpose front bucket	\$4,491.00		\$4,491.00
1	2035	Ultimate enclosed cab with air conditioning	\$9,599.00		\$9,599.00
1	5410	Deere backhoe quick coupler	\$801.00		\$801.00
1	9920	Two exterior rear view mirrors	\$218.00		\$218.00
1	9905	Strobe light	\$372.00		\$372.00
		Discounted Options	List Price	26% Discount	
1	04S0T	HH80 Hydraulic Breaker	\$11,300.00	\$2,825.00	\$8,475.00
1	AT308139	Front Coupler forks 60X60	\$3,665.00	\$891.25	\$2,673.75
1	AT186288	Slow moving vehicle (SVM) emblem	\$111.00	\$27.75	\$83.25
1	9804	Interface adapter backhoe	\$608.00	\$202.00	\$606.00
			Order total		\$117,498.00

Replaces:
V5841

Total units: 1

Cc: Joe Heyward
Marie Guarino

8 *Joseph K. Heyward*



A JOHN DEERE COMPANY

**FLORIDA SHERIFFS ASSOCIATION
FLORIDA ASSOCIATION OF COUNTIES
2015-16 Contract for Vehicles and Equipment
Contract Number 15-13-0904
Spec#23 4x4 Loader Backhoe
John Deere 410L Backhoe with Hammer**

November 30, 2015

Quote For: City of Fort Lauderdale

Base Unit:

One (1) Deere 310SL Backhoe Loader, 4X4, Canopy	\$64,690.00
24" Backhoe Bucket, Deere Two Lever Controls, 1.3 Yd Loader Bucket, Standard Backhoe	

Stated Options From Contract:

JD410L	Model Upgrade to 410L 4X4 1.5 yard loader	12,190.00
6020	Extendable Dipper Stick	5,292.00
9920	Exterior Rear View Mirrors	218.00
9905	Strobe Light	372.00
6220	Auxiliary Hydraulics-1 way flow	1,695.00
5285	Pilot Joystick Rear Controls	N/C
7085	Loader Coupler, 3 rd function hydraulics and ride control	6,310.00
7685	Multi-Purpose Front Bucket 1.32 yard	4,491.00
2035	Enclosed Cab with Air Conditioning	9,599.00
5410	Rear bucket manual quick coupler	801.00

Non-Specified Options less 25% Discount from List:

04S0T	HH80 Hydraulic Breaker	11,300.00
9804	Interface Adapter backhoe	808.00
AT186288	Slow Moving Vehicle Emblem	111.00
AT308139	Front Coupler Forks 60x60	<u>3,565.00</u>
Total List Non-Specified Options		\$15,784.00
Less 25% Discount:		(3,946.00)
Total Non-Specified Options		<u>11,838.00</u>

Total Price FOB City of Fort Lauderdale	\$117,496.00
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Greg Dudek, Governmental Sales Manager
3933 Martin Luther King Jr. Blvd West Palm Beach, FL 33404
Phone (239) 470-0822 Fax (561) 848-7099

**City of Fort Lauderdale
Fleet Services
Vehicle Replacement Analysis and Summary
V5815**

2007 Sterling Dump Truck

<u>FACTOR</u>	<u>POINTS</u>	<u>INPUT</u>	<u>SCORING GUIDELINES</u>
Age	8.969863	8.969863	One point for each year of chronological age, based on in-service date.
Miles	6.94	55,486	One point for each 10,000 miles of use adjusted if excessive idling time (125%).
Hours	0.00	0	One point for each 300 hours of use.
Type of Service	4	5	1 to 5 points are assigned based on the type of vocational use and service duty.
Reliability	4	1.14	Points are assigned as 1 to 5 depending on the frequency that the vehicle is in the shop for repair. 5 = two or more times per month average. 4 = one time per month average. 3 = once every two months average. 2 = once ever three months average. 1 = once every four months or less average.
O&M Costs	1.5	38%	Points assigned based on total life O&M costs compared to vehicle's original purchase price. 1=20%, 2=40%, 3=60%, 4=80%, 5=100%.
Condition	5	Poor	Takes into consideration body condition, rust, interior condition, accident history, anticipated repairs, etc. A scale of 1 to 5 points. 1 = new, 2 = very good, 3 = good, 4 = fair, 5 = poor.
Total Points & Summary*	30		Condition IV - Qualifies for Replacement

SUMMARY*

<u>Points</u>	<u>Condition</u>	<u>Ranking</u>
<18	I	Excellent
18 to 22	II	Good
23 to 27	III	Requires replacement during current fiscal year
28 or more	IV	Needs immediate replacement due to safety concerns or catastrophic mechanical failure

Fleet Requisition Worksheet

Selected Vendor:	
Rechtien International	
VN#	27977

Requisition #

2016 International Workstar
tandem axle truck with 18

Requisition unit description: yard dump body

Florida Sheriffs Association Bid 15-13-0904

Expires: 9/30/2016

Replaces: See below

Equipment Class:

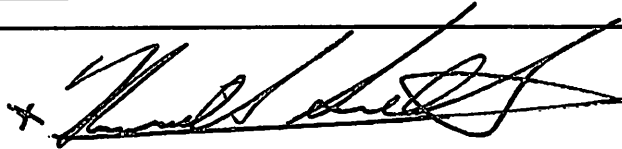
Department: PBS

Order Qty	Order Code	Unit Description / Options	Unit Price	Extended Amount
1		CMY 2016 International Workstar 52,000 L.B. GVWR Cab & Chassis 4X6 Tandem Axle Truck Freightliner M2 single axle truck As per Florida Sheriffs Association Bid 15-13-0904 Specification # 14	\$88,136.00	\$88,136.00
1	SF637370	7500 6X4 with N10, 370 HP Engine & Allison 3000RDS Transmission	Included	Included
1	16JNT	Air suspension drivers seat,	Included	Included
		Color Options		
		Interior- Dark Grey / Exterior cab- White / Exterior body- Blue Dupont Nason #24160		
		Options		
1	66000 GVWR	20,000 Front axle, 46,000 Rear axle and suspension, with Double Frame	\$9,525.00	\$9,525.00
1	15Q08-FLA01	GAR-P 18 yard, steel dump body/electric tarp/apron/water cooler rack/painted Blue Dupont Nason # 24160	\$17,510.00	\$17,510.00
1	7BEP	Horizontal vertical Exhaust	\$518.00	\$518.00
1	PNTL	30 Ton pintle hook w/ provisions for air brake trailer	\$1,823.00	\$1,823.00
1	8WPP	Engine Shutdown	\$138.00	\$138.00
1	16SDC	Exterior grab handles	\$222.00	\$222.00
1	5708	Tilt Steering	\$125.00	\$125.00
1	8WRB	Headlights on with wipers	\$21.00	\$21.00
1	8WPZ	Pre-trip for exterior lights	\$39.00	\$39.00
		Non-Specified Options		
1		Pedestrial & Cyclist Safety Side Guard	\$4,950.00	\$4,950.00
		Sub Total	\$123,007.00	
			Order total	\$123,007.00

Replaces:
V5815

Total units: 1

Cc: Keith Hutchinson
Carlos Berriz



12/1/2015



Rechtien International Trucks, Inc

FLORIDA SHERIFF'S ASSOCIATION Contract - 15-13-0904

Customer: CITY OF FORT LAUDERDALE

Specification: 14 Region: Southern

Base Price:

Contract Options:

SF637370 7500 6X4 WITH N10, 370 HP ENGINE & ALLISON 3000RDS
 66000 GVWR 20,000 FA, 46,000 RA WITH DOUBLE FRAME
 15Q08-FLA01 GAR-P 18 yd. Stil. dump body, electric tarp, apron, 4 cor. Strobes
 water cooler rack, painted Fort Lauderdale Container Blue
 7BEP SWITCHBACK AFTERTREATMENT W/VERTICAL EXHAUST
 PNTL 30 Ton pintle hook w/provision for air brake trailer
 8WPP ENGINE SHUT DOWN
 16SDC EXTERIOR GRAB HANDLES
 5708 TILT STEERING
 8WRB HEADLIGHTS ON WITH WIPERS
 8WPZ PRE TRIP FOR EXTERIOR LIGHTS
 16JNT Air suspension driver seat, standard with spec #14

Quantity	Unit Cost	extended
1	\$88,136.00	\$ 88,136.00
1		\$ -
1	\$ 9,525.00	\$ 9,525.00
1	\$ 17,510.00	\$ 17,510.00
	\$ -	\$ -
1	\$ 518.00	\$ 518.00
1	\$ 1,823.00	\$ 1,823.00
1	\$ 138.00	\$ 138.00
1	\$ 222.00	\$ 222.00
1	\$ 125.00	\$ 125.00
1	\$ 21.00	\$ 21.00
1	\$ 39.00	\$ 39.00
1	\$ -	\$ -

Non-Specified Options

SIDGRD8 AirFlow SideGuard protection, 2 panel kit installed, ptd. White

1	\$ 4,950.00	\$ 4,950.00
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -

Total:

\$ 123,007.00	\$ 123,007.00
\$ 1.00	\$ -
\$ 1.50	\$ -
\$ 123,007.00	\$ 123,007.00

**Florida Waste Tire Fee
 **Florida Waste Battery Fee

Total Purchase Order Amount:

Cab Color:

WHITE

 Body Color:

BLUE

**included in base price

Prepared By:

MIKE AUDETTE

Rehtien International Trucks, Inc.

2565 W. STATE RD. 84

FORT LAUDERDALE, FL 33312

OFFICE 954-915-1499

FAX 954-957-5488

CEL 954-647-1230

email maudette@rechtien.com