

**Lee County Board Of County Commissioners
Agenda Item Summary**

Blue Sheet No. 20051004

1. ACTION REQUESTED/PURPOSE: Approve award of Project No. EX050607, the purchase of one new International Model 4300 cab and chassis at the Florida State Contract price of \$42,075; and the open market purchase of one 2500-gallon sludge tank unit for \$36,541 from International Truck and Engine Corporation. Grand total cost for the truck, which is for Solid Waste, is \$78,616.

2. WHAT ACTION ACCOMPLISHES: Provides Solid Waste with a new pump truck to haul leach ate from transfer stations to the Lee/Hendry County Landfill; clean sumps; and haul by-products to the landfill.

3. MANAGEMENT RECOMMENDATION: Approve as stated.

4. Departmental Category:

CSD

5. Meeting Date:

08-02-2005

6. Agenda:

- Consent
- Administrative
- Appeals
- Public
- Walk-On

7. Requirement/Purpose: (specify)

- Statute
- Ordinance
- Admin. Code *AC-4-1*
- Other

8. Request Initiated:

Commissioner _____
 Department _____
 Division Solid Waste
 By: Lindsey Sampson, Director

Lindsey Sampson Dir SW

9. Background: On June 30, 2005, the Division of Purchasing received a request from Solid Waste and Fleet Management to purchase one new International cab and chassis at the prices given in the Florida State Contract # 070-700-05-1; and a 2500-gallon sludge tank unit via open market pricing.

Funding is available: 20092440102.506430

Please See Attachments:

- (1) Department Request for Purchase
- (2) Florida State Contract #070-700-05-1/Cab and Chassis & Sludge Tank Quotes

10. Review for Scheduling:

Department Director	Purchasing or Contracts	Human Resources	Other	County Attorney	Budget Services				County Manager/P.W. Director
					Analyst	Risk	Grants	Mgr.	
	<i>7-14-05</i>				<i>7/20/05</i>	<i>7/20/05</i>	<i>7/21/05</i>	<i>7/21/05</i>	<i>7-21-05</i>

11. Commission Action:

- Approved
- Deferred
- Denied
- Other

RECD. 7/21/05
 by CO. ATTY.
 CO. ATTY.
 FORWARDED TO:
Adm
 7-21-05

RECEIVED BY
 COUNTY ADMIN:
 7-21-05
 11:05
 COUNTY ADMIN
 FORWARDED TO:

MEMORANDUM
FROM
THE DIVISION OF PURCHASING

REC'D JUL 20 2005

DATE: JULY 14, 2005

TO: MARILYN RAWLINGS
FLEET MANAGER

FROM: JANET SHEEHAN, CPPB
PURCHASING DIRECTOR

RE: BLUE SHEET # 20051004

PROJECT: One (1) Pump Truck

TYPE: State Contract/Open Market Purchase

AWARDED TO: International Truck and Engine Corporation

Attn. Ms. Rawlings – When you have finished your review of this package, please forward it to Lindsey Sampson, Solid Waste.

Attn. Mr. Sampson - When you have finished your review of this package, please forward it to ~~Jed Schmeck~~ in the County Attorney's Office.

If there are any questions or concerns with this package, please contact Bob Franceschini at 344-5457.

RECEIVED BY
LEE CO. ATTORNEY
2005 JUL 21 AM 10:03



LEE COUNTY

DIVISION OF
FLEET MANAGEMENT

To: Janet Sheehan, Purchasing Director
From: Marilyn L. Rawlings, Fleet Manager
Date: 6/30/2005
Re: Pump Truck

Please prepare a Blue Sheet for the purchase of one (1) International Pump Truck from International Truck & Engine Corporation for the Department of Solid Waste.

ACTION REQUESTED/PURPOSE:

Approve the State Contract (contract #070-700-05-1) purchase of one (1) International Model-4300 Cab & Chassis for \$42,075 and approve the purchase of non-contract item, the purchase of one (1) 2500-gallon sludge tank unit for \$36,541 for a total cost of \$78,616 to International Truck & Engine Corporation.

WHY ACTION IS NECESSARY:

Board approval is required, as this expenditure will exceed \$50,000.

WHAT ACTION ACCOMPLISHES:

This purchase will provide the Department of Solid Waste with a new Pump Truck to haul leach ate from the transfer stations to Lee/Hendry County Landfill, clean sumps and haul by-products to the landfill. This will be the only pump truck in Solid Waste.

MANAGEMENT RECOMMENDATIONS:

Approve this request to give the department a new pump truck.

Funds for this purchase are available from account string #: 20092440102.506430

BACKGROUND:

Lee County Fleet Management received a request to purchase a new 2500-gallon pump truck. Lee County will save over \$7,000 by utilizing the Florida State Contract.

State Contract - \$78,616

Sheriff's Association Bid - \$84,588

Wallace International - \$85,630.18

ATTACHMENT #2

Medium and Heavy Trucks

070-700-05-1

Effective: 1/4/2005 through 5/31/2006



[Rate this contract](#)



[View survey Results](#)

Special Notice regarding the Delivery of Sterling Trucks

Certification

Contract Administrator

Price Sheet

Ordering Instructions

Contract Documents

070-700-108 (8D-35,000)	CHASSIS-CAB, SINGLE AXLE, CLASS 8, 35,000 LBS. GVWR (4x2)
NOTE:	This detailed specification is not complete unless it is used in conjunction with all conditions of the Technical Specifications.
INTENDED USE	INSTALLATION OF VARIOUS TYPES OF AFTERMARKET BODIES RANGING FROM 10 FEET TO 24 FEET IN LENGTH AND TRANSPORTING UP TO THREE INDIVIDUALS ON PAVED AND UNPAVED, GRADED ROADS.
	*GVWR 35,000 lbs.
	PAYLOAD CAPACITY 23,400 LBS. (APPROX)
	*GVWR - Gross Vehicle Weight Rating is the total maximum weight of a fully equipped, fully loaded truck.
10	ENGINE:
A.	Diesel engine, 7.2L, 245 Gross HP (per the latest issue of SAE J1349) and 620 lbs.-ft. Gross Torque, minimum. The following engines, or approved equivalent, are acceptable:
	CAT C7: 7.2L, 250 Gross HP, 660 lbs.-ft. Gross Torque DURAMAX 7800: 7.8L, 250 Gross HP, 660 lbs.-ft. Gross Torque INT DT466: 7.6L, 245 Gross HP, 620 lbs.-ft. Gross Torque
B.	Standard cooling system with antifreeze.
C.	Dry type air cleaner with service (restriction) indicator.
D.	Engine protection system, at a minimum, must be activated by low engine oil pressure, and high engine temperature. System shall, at a minimum, include a warning light(s) and derate (ramp down) feature that will reduce engine power and speed, or shut down the engine when any of these functions exceed normal limits.
E.	Horizontal exhaust.
12	ELECTRICAL SYSTEM:
A.	Minimum 100 amps 12 v. alternator.
B.	Batteries to have a minimum total of 1100 CCA @ 0 degrees F.
20	TRANSMISSION: Minimum 6-speed (International may bid a 5-speed) automatic transmission with provisions for a PTO. Allison 3000RDS or approved equivalent.
30	AXLES & SUSPENSION:
A.	Steel front axle and suspension, minimum 12,000 lbs. capacity.
B.	Front shock absorbers.
C.	Front wheel oil-lubricated bearings and seals.
D.	Single speed rear axle and suspension, minimum 23,000 lbs. capacity. Rear axle ratio is to be a 6.43/6.50 for 2400 engines, 6.14/6.17 for a 2600 RPM engines, or the closest possible ratio available that will provide a top speed of approximately 65 MPH.
E.	Front wheel hubs and rear axle shall be filled with synthetic lubricant.
F.	Auxiliary rear leaf spring(s) or rubber helper.
40	PERFORMANCE ITEMS:
A.	Factory installed speedometer, odometer, ammeter or voltmeter, fuel gauge, engine oil pressure gauge, coolant temperature gauge, tachometer, air pressure gauge and dash mounted engine hourmeter.
B.	Power steering.
50	COMFORT ITEMS:
A.	Factory installed AM-FM radio.
B.	Air conditioner with integral heater and defroster.
C.	Arm rests both sides, if available; sunvisors, both sides.
D.	Tinted glass all windows, including windshield.
60	SAFETY ITEMS:
A.	Air horn(s), mounted under the cab or hood, or behind the front bumper.
B.	Standard electric horn.
C.	Outside mirrors, left and right side. Mirrors to be 6 inches x 12 inches, minimum, with convex mirrors on both sides. Mirrors and brackets shall be of rust and corrosive resistance materials such as stainless steel, aluminum, coated metals or composite materials. Painted mirrors and brackets are not acceptable.
D.	Automatic-adjustable volume backup alarm. Must meet latest issue of SAE J994, Type B, 107dB (A). Factory or dealer installed.
E.	Rain Flaps: Splash and spray suppressant rain flaps, straight grass type, installed on heavy-duty hangers. Factory or dealer installed.
	NO VENDOR ADVERTISING OR IDENTIFICATION WILL BE PERMITTED ON RAIN FLAPS.
F.	All access steps shall be self-cleaning slip-resistant grating.
G.	Daytime running lights.
62	BRAKES:
A.	ABS air brake system, minimum 13.2 cfm air compressor.
B.	Spring applied parking brake.
C.	Front and rear automatic slack adjusters.
D.	Front and rear dust shields.
E.	Outboard mounted brake drums, front and rear, if available. (NOTE: Allows brake repair without removing axle hubs.)
F.	Low air pressure warning indicator.
G.	Air dryer with heater. Bendix AD-9, AD-IP, AD-IS, Wabco System Saver 1200 or approved equivalent.
70	TIRES & WHEELS:
A.	Six (6) 11R22.5H (16PR) or larger, tubeless, radial tires with highway tread.
B.	All wheels to be one-piece steel disc, 10-hole, I.S.O. hub pilot mount, 22.5 inch diameter.
C.	Front, inside rear and outside rear wheels to be fully interchangeable.
80	CHASSIS, FRAME, CAB:
A.	Minimum 35,000 lbs. GVWR, factory certified.
B.	Minimum 1,740,000 in-lbs RBM frame.
C.	Cab-axle dimension of 84 - 86 inches.
D.	Factory installed fuel tank(s), minimum 70 U.S. gallons.
E.	Front tow hooks or tow pins.
F.	Standard front bumper.

070-700-108	CHASSIS-CAB, SINGLE AXLE, CLASS 8, 35,000 LBS. GVWR (4x2)
82	CAB EQUIPMENT:
	A. Conventional cab, with tilt-type hood and fender assembly.
	B. Full-width bench seat or individual driver seat with two-man passenger seat.
	C. Grab handle(s) for cab entry, located at each entry door.
	D. Manufacturer's standard paint and colors.
	E. Rear cab window with fixed tinted glass.
90	CONDITIONS:
A.	Bidder shall provide a manufacturer's print-out (Ford "DORA"/"Commercial Truck Tools", Freightliner "Spec Pro", "GM AutoBook", International "Vehicle Specifications", Mack "Order/Customer/Vehicle Information", Sterling "Spec Pro", or approved equivalent) to verify the vehicle bid meets all the requirements of this specification. Also, any dealer installed aftermarket components, if specified, must be noted on the manufacturer's print-out.
B.	Welding shall not be permitted on the frame side rails, nor shall the frame rails be cut to lengthen or shorten the wheelbase. Wheelbase modifications are allowed only by sliding the suspension with the "AF" dimension affected accordingly (excess length behind the rear axle may be cut off as required). Any wheelbase modification shall result in a wheelbase and frame combination that is identical to one available from the manufacturer.
C.	Paint numbers are referenced only to identify colors.

COMMODITY NO.	DESCRIPTION
070-700-108	CHASSIS-CAB, SINGLE AXLE, CLASS 8, 35,000 LBS. GVWR (4x2)
MAKE:	International
Western District	
CONTRACTOR	International
DISCOUNT*	(\$480.00)
MODEL	4300 SBA 4x2
PRICE	\$42,263.00
Northern District	
CONTRACTOR	International
DISCOUNT*	(\$318.00)
MODEL	4300 SBA 4x2
PRICE	\$42,101.00
Central District	
CONTRACTOR	International
DISCOUNT*	(\$222.00)
MODEL	4300 SBA 4x2
PRICE	\$41,005.00
Southern District	
CONTRACTOR	International
DISCOUNT*	(\$450.00)
MODEL	4300 SBA 4x2
PRICE	\$42,233.00
*Discount for Vehicle picked up by ordering Eligible User at Contractor's place of business.	
Approximate delivery time required ARO:	90
070-700-108	CHASSIS-CAB, SINGLE AXLE, CLASS 8, 35,000 LBS. GVWR (4x2)
OPTIONS:	
1001	Delay in warranty start date to allow for body installation. (Warranty to become effective when vehicle is placed in service rather than at time of delivery).
CODE	Up Date In Service Date by Customer
PRICE	N/C

1002	Extended engine warranty, covering 100% of parts and labor for all engine parts between crankshaft pulley and flywheel. Bid for a period of 60 months/150,000 miles/6500 hours. The remaining terms, other than the above, to be in accordance with the engine manufacturer's published warranty this is closest to each warranty bid. Submit two copies of the standard engine warranty and of each special warranty bid. Also, submit two copies of all extended engine warranties that are normally available to commercial customers and commercial list prices for same. CONSULT THE DEALER FOR EXACT COVERAGE OF THIS WARRANTY.
CODE	94106G
PRICE	\$685.00

2001	Power take-off (PTO) with a SAE standard, keyed output shaft, installed. To include a dash mounted electric-over-air switch and indicator light. Chelsea 440, Muncie TG Series or approved equivalent. For manual transmission only. State manufacturer and model no. bid.
MFR.	CHELSEA
MODEL NO.	440
CODE	CHELSEA 440
PRICE	\$617.00

2002	"Hot Shift" power take-off (PTO) with a SAE standard, keyed output shaft, installed. To include a dash mounted electric-over-hydraulic switch and indicator light. Chelsea 276, Muncie CS Series or approved equivalent. For automatic transmission only. State manufacturer and model no. bid.
MFR.	CHELSEA
MODEL NO.	271
CODE	CHELSEA 271
PRICE	\$1,000.00

070-700-108	CHASSIS-CAB, SINGLE AXLE, CLASS 8, 35,000 LBS. GVWR (4x2)	Electronic PTO overspeed control, Chesa, Huncle or approved equivalent. For automatic transmission only. State manufacturer and model no. bid.	2003	CHELSEA	MFR.	CHELSEA	EOS	CHELSEA EOS	CODE	PRICE	\$354.00
2004	Manual transmission, 6-speed minimum, with provisions for a PTO. Transmission must have a minimum low gear reduction of 9.0:1. Rear axle ratio shall be 4.33 for 2400 RPM engines, 4.56 for 2600 RPM engines, or the closest possible ratio available that will provide a top speed of approximately 65 MPH. Transmission shall be filled with synthetic lubricant. State manufacturer and model no. bid.	PULLER	MFR.	ES-6406N	CODE	13GMS, 13WLA, HLEG	PRICE (Cradle)				\$5,163.00
2005	Automatic transmission, 6-speed minimum (International may bid a 5-speed), with provisions for a PTO. Allison 3500RDS or approved equivalent. Bid in lieu of the 3000RDS in the base truck. State manufacturer and model no. bid. FOR SUBSTANTIAL OFF ROAD USE, LOOSE DRY SAND, AND SPONGY SOIL OR LOOSE GRAVEL.	ALLISON	MFR.	ALLISON	MODEL NO.	ALLISON 3500_RDS_P	CODE	13AGL	PRICE		N/C
3001	"No-Spin" or driver control traction differential (DCTL) on rear axle.		CODE	14877	PRICE						\$779.00
5001	Rain shields over door windows, both sides. Auto Venshade Co. (1-800-241-7219) or approved equivalent. Factory or dealer installed.		CODE	N/A	PRICE						N/A
6001	Front clearance indicators. Factory or dealer installed. (Indicators shall be approximately 36 inches in length located on the left and right front corners of the vehicle.)	FRONT CLEARANCE INDICATORS	CODE		PRICE						\$66.00
6201	Automatic air brake drain system. ClearDram System or approved equivalent. Bid in lieu of the air dryers specified in Section 62. G. Unit must be installed by the vehicle manufacturer. Dealer installed units are not acceptable. SEE SPECIFICATION ADS-1.	CLEARDRAIN	CODE		PRICE						\$682.00
7001	Tubeless radial tires with out/off highway tread for rear only. Bid four (4) 11R22.5H (6PR) or larger tires for out/off highway use. Rear tires to be General D450, Goodyear G164 R TD, Michelin XDE or approved equivalent.		CODE	7382130116	PRICE						\$105.00
8001	Frame hook, installed. To be swivel type and must have a capacity of 49,000 lbs. gross trailer weight and 9800 lbs. vertical load, minimum. Hook shall be installed no more than 14 inches forward from the end of the body as measured from the center of the eye. Holland Model PH-760. Wallace Model B30 or approved equivalent. State manufacturer and model no. bid. PURCHASER MUST SPECIFY BODY LENGTH AND TYPE (DUMP, STAKE, ETC.) IN ORDER FOR THE DEALER TO INSTALL THE PINNLE HOOK IN THE PROPER LOCATION.	WALLACE	MFR.	WALLACE	MODEL NO.	B-30	CODE	WALLACE B-30	PRICE		\$354.00
8002	Air brake package for straight truck and trailer. Full trailer air brake controls with air lines, glad hands and wiring routed to the rear end of the frame.		CODE	04619, 087MG, GLAD HANDS	PRICE						\$374.00
8003	Optional cab-axle dimension (CA) 102-105 inches. Minimum 1,740,000 in-lbs. RBM frame.		FRAME CODE	0CAAG	CA LENGTH	102"	CA CODE	01WEH	PRICE		N/C
8004	Optional cab-axle dimension (CA) 108-113 inches. Minimum 1,740,000 in-lbs. RBM frame.		FRAME CODE	01CAE	CA LENGTH	108"	CA CODE	01WEH	PRICE		N/C

070-700-108		CHASSIS-CAB, SINGLE AXLE, CLASS 8, 35,000 LBS. GVWR (4x2)	
8005	Optional cab-axle dimension (CA) 120-123 inches. Minimum 1,740,000 in-lbs. RBM frame.		
	FRAME CODE		01CAE
	CA LENGTH		120"
	CA CODE		01WEH
	PRICE		N/C
8006	Optional cab-axle dimension (CA) 126-129 inches. Minimum 1,740,000 in-lbs. RBM frame.		
	FRAME CODE		01CAE
	CA LENGTH		128"
	CA CODE		01WEH
	PRICE		N/C
8007	Optional cab-axle dimension (CA) 135-138 inches. Minimum 1,740,000 in-lbs. RBM frame.		
	FRAME CODE		01CAE
	CA LENGTH		138"
	CA CODE		01WEJ
	PRICE		\$70.00
8008	Optional cab-axle dimension (CA) 141-144 inches. Minimum 1,740,000 in-lbs. RBM frame.		
	FRAME CODE		01CAE
	CA LENGTH		142"
	CA CODE		01WEJ
	PRICE		\$70.00
8009	Optional cab-axle dimension (CA) 147-150 inches. Minimum 1,740,000 in-lbs. RBM frame.		
	FRAME CODE		01CAE
	CA LENGTH		150"
	CA CODE		01WEJ, 01SAL
	PRICE		\$140.00
8010	Optional cab-axle dimension (CA) 153-156 inches. Minimum 1,740,000 in-lbs. RBM frame.		
	FRAME CODE		01CAE
	CA LENGTH		154"
	CA CODE		01WEJ, 01SAL
	PRICE		\$140.00
8011	Optional cab-axle dimension (CA) 168-170 inches. Minimum 1,740,000 in-lbs. RBM frame.		
	FRAME CODE		01CAE
	CA LENGTH		169"
	CA CODE		01WEJ, 01SAL
	PRICE		\$140.00
8012	Optional cab-axle dimension (CA) 186-188 inches. Minimum 1,740,000 in-lbs. RBM frame.		
	FRAME CODE		01CAG
	CA LENGTH		187"
	CA CODE		01WEJ, 01SAL
	PRICE		\$278.00
8201	Special state color. DOT Yellow (DuPont Centari L9069A, Freightliner/Sterling 3258, GM 86, International 4421).		
	CODE		4421
	PRICE		N/C
8202	Two-tone colors. Manufacturer's standard two-tone colors.		
	CODE		35200, 9219, 4421
	PRICE		\$165.00



INTERNATIONAL TRUCK AND ENGINE CORPORATION

2400 COMMERCE AVE., BUILDING 1100, SUITE 100, DULUTH, GA 30090

T 678 684 2700

F 678 684 2781

TRUCK GROUP

June 22, 2005

Danny Brashear
Lee County
2800 Van Buren St.
Fort Myers, FL 33916

Danny:

Enclosed please find specifications and pricing off the State of Florida Contract # 070-700-05-1 for a spec: 108, 35,000 lbs. GVWR to mount a tank body on.

'05 International 4300 4x2 SBA Central District	\$42,005.00
8007 199" W.B. 132" C.A. 60" A.F.	70.00

Non-Contract Body:

1) 2500 gallon sludge tank (specs included)	<u>36,541.00</u>
Total:	\$78,616.00

Please review the specs. Wallace International had a lot of items you didn't need. Call me if we need to make any changes.

The contact for the body builder is Kevin Fender, phone number (407) 841-7887. I would recommend you call him and go over the body specs.

Sincerely,

Bill Parham
National Accounts Manager
Phone: (678) 376-0069
Fax: (770) 963-3083
E-mail: bill.parham@nav-international.com

Prepared For:
Lee County Florida
Danny Brashear
405 Esplanade Way
Tallahassee, FL 32399
1239-4615607

Presented By:
International Truck and Engine Corp.
Parham Bill
2400 COMMERCE AVE
BLD. 1100 - SUITE 100
DULUTH, GA 300984965
(678)584-2777

Reference ID: N/A

Model Profile
2005 4300 SBA 4x2 (MA025)

APPLICATION: Landscape Dump
MISSION: Requested GVWR: 35000. Calc. GVWR: 35000
 Calc. Start / Grade Ability: 24.6% / 2.19% @ 55 MPH.
 Calc. Geared Speed: 67.3 MPH.
 7.31 MPG @ 55 MPH

FUEL ECONOMY:
DIMENSION: Wheelbase: 199, CA: 131.9, Axle to Frame: 61
ENGINE, DIESEL: {International DT466} 50 State, 245 HP, 620 lb-ft Torque @ 1400 RPM, 2600 RPM Go vernaed Speed, # 2
 Bell Housing

TRANSMISSION, AUTOMATIC: {ALLISON 3000_RDS_P} Close Ratio, 5-Speed, With Overdrive; On/Off Hwy; Includes Oil Level Sensor,
 With PTO Provision, Less Retarder, With 80,000-lb GVW & GCW Max.

CLUTCH: Omil Item (Clutch & Control)

AXLE, FRONT NON-DRIVING: {International I-1205G} I-Beam Type, 12,000-lb Capacity
AXLE, REAR, SINGLE: {Dana Spicer 23080S} Single Reduction, 23,000-lb Capacity, With 200 Wheel Ends
 Gear Ratio: 6.17

CAB: Conventional, Steel

TIRE, FRONT: (2) 11R22.5 G149 RSA (GOODYEAR) 501 rev/mile, load range H, 16 ply
TIRE, REAR: (4) 11R22.5 G149 RSA (GOODYEAR) 501 rev/mile, load range H, 16 ply
SUSPENSION, RR, SPRING, SINGLE: Vari-Rate; 23,500-lb Capacity, With 4500 lb Auxiliary Rubber Spring

Code	Description
MA02500	Base Chassis, Model 4300 SBA 4X2 with 189 Wheelbase, 131.9 CA, and 61 Aude to Frame.
1570	TOW HOOK, FRONT (2) Frame Mounted.
1CAE	FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.125" x 3.680" x 0.312" (257.2mm x 90.9mm x 8.0mm); 466.0" (11562mm) Maximum OAL
1LLD	BUMPER, FRONT Full Width, Aerodynamic, Steel; 0.142" Material Thickness <u>Includes</u> : PLEASE NOTE: Powder Coated Gray (Argent) Color
1WEJ	WHEELBASE RANGE 189" (505cm) Through and Including 254" (645cm)
2ADD	AXLE, FRONT NON-DRIVING (International I-120SG) I-Beam Type, 12,000-lb Capacity
3ADC	SUSPENSION, FRONT, SPRING Parabolic, Taper Leaf; 12,000-lb Capacity; With Shock Absorbers <u>Includes</u> : SPRING PINS Rubber Bushings, Maintenance-Free
40B1	BRAKE SYSTEM, AIR Dual System for Straight Truck Applications <u>Includes</u> : AIR COMPRESSOR AIR SUPPLY LINE International Engines Naturally-Aspirated : BRAKE CHAMBERS, SPRING (2) Rear Parking : BRAKE LINES Color Coded Nylon : SLACK ADJUSTERS, FRONT Automatic : SLACK ADJUSTERS, REAR Automatic : PARKING BRAKE VALVE Color-Coded Yellow Knob, Located on Instrument Panel : DRAIN VALVE Twist-Type : SPRING BRAKE MODULATOR VALVE : GAUGE, AIR PRESSURE Located in Instrument Cluster Air 1 and Air 2 Gauges;
4AZA	AIR BRAKE ABS (Bendix AntiLock Brake System) Full Vehicle Wheel Control System (4-Channel)
4EBS	AIR DRYER (Bendix AD-9) With Heater
4JBG	BRAKES, FRONT, AIR CAM S-Cam; 15.0" x 4.0"; Includes 20 Sq. in. MGM Long Stroke Brake Chambers
4NCE	BRAKES, REAR, AIR CAM 16.5" x 7.0"; Includes MGM TR3030 Long Stroke Brake Chamber and Heavy Duty Spring Actuated Parking Brake
4SBC	AIR COMPRESSOR (Bendix Tu-Flo 550) 13.2 CFM
4WBX	DUST SHIELDS, FRONT BRAKE
4WDM	DUST SHIELDS, REAR BRAKE
5AAA	STEERING COLUMN Stationary
5CAL	STEERING WHEEL 2-Spoke, 18" Diam., Black
5P8A	STEERING GEAR (Sheppard M-100) Power
7B8E	EXHAUST SYSTEM Single, Horizontal, Stainless Steel Muffler, With Internal Catalytic Converter, Short Tail Pipe, Frame Mounted Right Side, for 2004 Emissions Standard with International I6 Engines
8000	ELECTRICAL SYSTEM 12-Volt, Standard Equipment <u>Includes</u> : FUSES, ELECTRICAL SAE Blade-Type : TURN SIGNAL SWITCH Self-Canceling, Headlight Dimmer (with Flash-To-Pass Feature) : HORN, ELECTRIC Single : PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light : STOP, TURN, TAIL & B/U LIGHTS Dual, Rear, Combination with Reflector : STARTER SWITCH Electric Key Operated

<u>Code</u>	<u>Description</u>
	: TURN SIGNALS, FRONT Flush Mounted Includes Reflectors and Auxiliary Side Turn Signals, Solid State Flashers; : DATA LINK CONNECTOR In Cab For Vehicle Programming and Diagnostics : WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted : WINDSHIELD WIPER SWITCH 2-Speed Integral with Turn Signal Switch with Wash and Intermittent Feature, : WIRING, CHASSIS Color Coded and Continuously Numbered
8518	CIGAR LIGHTER
8GEJ	ALTERNATOR (Leace-Neville BLHP2172VAH) Brush Type; 12 Volt 110 Amp. Capacity, Pad Mounted
8HAB	BODY BUILDER WIRING Back of Standard Cab at Left Frame or Under Extended or Crew Cab at Left Frame; Includes Sealed Connectors for Tail/Amber Turn/Marker/ Backup/Accessory Power/Ground and Sealed Connector for Stop/Turn
8MEP	BATTERY SYSTEM (International) Maintenance-Free (2) 12-Volt 1300CCA Total.
8REY	RADIO (Panasonic CQR-111) AM/FM, With Cassette Player, Includes Multiple Dual Cone Speakers <u>Includes</u> : SPEAKERS IN CAB (4) Coaxial with Premium Interior : SPEAKERS IN CAB (2) Dual-Cone with Deluxe Interior
8WCL	HORN, AIR (Grover) Black, Single Trumpet, Air Solenoid Operated, Mounted Behind Bumper on Right Rail
8WPS	HEADLIGHTS Halogen; Composite Aero Design for Two Light System; Includes Daytime Running Lights
8WPP	ENGINE SHUTDOWN Automatic; With 30 Second Delay, With International Engines
8WWJ	INDICATOR, LOW COOLANT LEVEL With Audible Alarm
8WWN	STARTING MOTOR (Leace-Neville M100R) 12-Volt; less Thermal Over-Crank Protection
8HAD	GRILLE Chrome
8WAY	FRONT END Tinting, Fiberglass, With Three Piece Construction
10060	PAINT SCHEMATIC, PT-1 Single Color, Design 100 <u>Includes</u> : PAINT SCHEMATIC ID LETTERS "GA"
10761	PAINT TYPE Base Coat/Clear Coat, 1-2 Tone
11001	CLUTCH Omit Item (Clutch & Control)
12NPP	ENGINE, DIESEL (International DT466) 50 State, 245 HP, 620 lb-ft Torque @ 1400 RPM, 2600 RPM Governed Speed, #2 Bell Housing <u>Includes</u> : GAUGE, AIR CLEANER RESTRICTION Air Cleaner Mounted : FUEL/WATER SEPARATOR Mounted on Engine and FUEL FILTER In a Single Assembly, : COLD STARTING EQUIPMENT Intake Manifold Electric Grid Heater with Engine ECM Control : WET TYPE CYLINDER SLEEVES : CRUISE CONTROL Electronic; Controls Integral to Steering Wheel : ENGINE SHUTDOWN Electric, Key Operated : GOVERNOR Road Speed, Electronic : ENGINE OIL DRAIN PLUG Magnetic : OIL FILTER, ENGINE Spin-On Type : DAMPER, CRANKSHAFT Viscous : FAN Optimized Position
12TSY	FAN DRIVE (Borg-Warner SA85) Viscous Screw On Type <u>Includes</u> : FAN Nylon
12UWV	RADIATOR Aluminum; 2-Row, Cross Flow, Over Under System, 516 SqIn Louvered, With 270 SqIn Charge Air Cooler, 4.25" Core, With In-Tank Transmission Cooler

<u>Code</u>	<u>Description</u>
	<u>Includes</u> : ANTI-FREEZE Shell Rotella Extended Life Coolant -40F (-40C) : DEAERATION SYSTEM with Surge Tank : RADIATOR HOSES Premium, Rubber
12UXV	FEDERAL EMISSIONS for 2004; for International VT365, DT466 and DT570 Engines
12VBC	AIR CLEANER Single Element
12VXT	THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on Steering Wheel
12VYC	ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; With Ignition Switch Control for CEC II Electronic Engines
12WTA	FAN DRIVE SPECIAL EFFECTS Fan Cooling Ring with Fan Shroud Effects, Engine Mounted
12WYS	EXPANDED ENGINE TEMP EFFECTS to Allow Higher Engine Operating Temperature Range; Includes Nylon Surge Tank and 15 psi Pressure Cap
13703	OIL COOLER, AUTO TRANSMISSION Air to Oil Type; for Allison
13AGD	TRANSMISSION, AUTOMATIC (ALLISON 3000_RDS_P) Close Ratio, 5-Speed, With Overdrive; On/Off Hwy; Includes Oil Level Sensor, With PTO Provision, Loss Retarder, With 60,000-lb GVW & GCW Max.
	<u>Includes</u> : TRANSMISSION OIL PAN Magnet in Oil Pan
13WBL	TRANSMISSION SHIFT CONTROL (ALLISON) Push-Button Type; for Allison 3000 & 4000 Series Transmission
13WUC	ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS); General Purpose Trucks, Construction
14AGH	AXLE, REAR, SINGLE (Dana Spicer 230909) Single Reduction, 23,000-lb Capacity, With 200 Wheel Ends Gear Ratio: 6.17
	<u>Includes</u> : REAR AXLE DRAIN PLUG (1) Magnetic
14VAH	SUSPENSION, RR, SPRING, SINGLE Vari-Rate; 23,500-lb Capacity, With 4500 lb Auxiliary Rubber Spring
14WLB	AXLE, REAR, LUBE (EmGard 75W-90) Synthetic Oil; 30 thru 39.99 Pints
15SEM	FUEL TANK Top Draw, D Style, Steel, 19" Deep, 70 U.S. Gal., 265 L Capacity, With Quick Connect Outlet, Mounted Left Side, Under Cab
	<u>Includes</u> : FUEL LINES Nylon Tubing With O-Ring Snap-On Quick-Connect Fittings at Both Ends
16030	CAB Conventional, Steel
	<u>Includes</u> : CLEARANCE/MARKER LIGHTS (5) Flush Mounted : ARM REST (2) Molded Plastic, Smoke Gray; One Each Door : FLOOR COVERING Rubber, Black : COAT HOOK Located on Rear Wall, Centered Above Rear Window : GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side : GRAB HANDLE, CAB INTERIOR (2) "B" Pillar Mounted, One Each Side : STEP (2) Two Steps Per Door : GLASS, ALL WINDOWS Tinted
16400	SEAT, PASSENGER Omit Item
16HBA	GAUGE CLUSTER English With English Electronic Speedometer
	<u>Includes</u> : ODOMETER DISPLAY, Miles, Trip Miles, Engine Hours, Trip Hours, Fault Code Readout : WARNING SYSTEM Low Fuel, Low Oil Pressure, High Engine Coolant Temp, and Low Battery Voltage (Visual and Audible) : GAUGE CLUSTER (5) Engine Oil Pressure (Electronic), Water Temperature (Electronic), Fuel (Electronic), Tachometer (Electronic), Voltmeter

Code	Description
16JPU	SEAT, FRONT BENCH (Gra-Mag) Full Width; Vinyl, With Fixed Mid Back <u>Includes</u> : SEAT BELT (3) Two 3-Point Shoulder Belts for Driver and Outer Passenger and One Lap Belt for Center Passenger
16SDJ	MIRRORS (2) (Lang Melna) Rectangular, 7.44" x 14.84", Brackets Breakaway Type, With 102" Wide Spacing, With 7.44" sq. Convex Both Sides
16WJS	INSTRUMENT PANEL Center Section, Flat Panel
16WKB	AIR CONDITIONER (International Blend-Air) With Integral Heater & Defroster <u>Includes</u> : REFRIGERANT Hydrofluorocarbon HFC-134A : HEATER HOSES Premium
16WRX	CAB INTERIOR TRIM Deluxe <u>Includes</u> : CONSOLE, OVERHEAD Molded Plastic with Dual Storage Pockets and Retainer Nets and CB Radio Pocket; Smoke Gray with Black Netting Over Storage Pockets : "A" PILLAR COVER Molded Plastic, Smoke Gray : HEADLINER Printed Cloth : INSTRUMENT PANEL TRIM Molded Plastic, Drawbridge Gray with Black Center Section, Hidden Cup Holder and Ash Tray (Pull-Out) : DOME LIGHT, CAB Rectangular, Center Mounted, Integral to Console Door Activated, Timed Theater Dimming, : SUN VISOR (2) Padded Vinyl Integral to Console with Driver Side Toll Ticket Strap, : STORAGE POCKET, DOOR (1) Molded Plastic, Smoke Gray, Full-Length; Driver Door : CAB INTERIOR TRIM PANELS Molded Plastic, Full Height; All Exposed Interior Sheet Metal is Covered Except for the Following: the Back Panel is Completely Void of Covering with a Two-Man Passenger Seat the Back Panel is Only Part : DOOR TRIM PANELS (2) Molded Plastic; Driver and Passenger Doors
27DMA	WHEELS, FRONT DISC; 22.5" Painted Steel, 10-Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 8.25 DC Rims; With Steel Hubs. <u>Includes</u> : WHEEL SEALS, FRONT Grease Lubricated, Includes Wheel Bearings : PAINT IDENTITY, FRONT WHEELS White
28DMA	WHEELS, REAR DUAL DISC; 22.5" Painted Steel, 10-Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 8.25 DC Rims; With Steel Hubs <u>Includes</u> : WHEEL SEALS, REAR Oil Lubricated, Includes Wheel Bearings : PAINT IDENTITY, REAR WHEELS White
28580	WHEEL SEALS, FRONT (International) Oil-Lubricated Wheel Bearings
28WLA	WHEEL BEARING, FRONT, LUBE (EmGard 60W) Synthetic Oil
7382130155	(2) TIRE, FRONT 11R22.5 G149 RSA (GOODYEAR) 501 rev/mile, load range H, 16 ply
7382130155	(4) TIRE, REAR 11R22.5 G149 RSA (GOODYEAR) 501 rev/mile, load range H, 16 ply

Cab Schematic 100GA

Location 1: 8219, WINTER WHITE

Chassis Schematic N/A

Pat's Pump & Blower LLC.
 630 West Church Street
 Orlando, FL 32805-2269



Quotation

Quote Number:
522

Quote Date:
Jun 21, 2005

Page:
1

Phone: (407) 841-7867
 Fax: (407) 648-2096

Quoted to:
 International Truck and Engine corp.
 241 Sarah Lane
 Lawrenceville, GA 30045

Project Address:

Customer ID	Good Thru	Payment Terms	Contact	Sales Rep
INTERNATIONAL TRUCK	7/21/05	Net 30 Days	Bill Farbas	Kevin Fender
Quantity	Item	Description		
1.00		2500 GALLON SLUDGE TANKER AS PER THE FOLLOWING:		
1.00		FREIGHT TO CUSTOMER 5/16" HEADS, 1/4" SHELL, (2) MANWAYS 21" TOP AND REAR, 600CPM PRIMARY SHUT OFF, FIVE GALLON SECONDARY, 6" BRASS DISCHARGE VALVE, (2) 4" LOADING VALVES-FRONT AND REAR, (3) SIGHT GLASSES, FULL LENGTH HOSE TRAYS, RECESSED LIGHTING, CHROME PACKAGE, ALUMINUM TRIM, DOT TAPE, JUROPE PNR 102 OR EQUAL, AIR-SHIFT PTO, MECHANICAL GEAR BOX, VAC/PRES. RELIEF VALVES, (2) FULL HEIGHT BAFFLES, (2) HALOGEN WORK LIGHTS ON REAR, PAINTED TO CUSTOMERS COLOR SPEC.		