

Agency: Commerce, Community and Economic Development**Grants to Municipalities (AS 37.05.315)****Grant Recipient: Saint George****Project Title:****Project Type:** Equipment and Materials**Saint George - Purchase Vacuum Sewage Pumper Truck****State Funding Requested:** \$150,000**House District:** 37 / S

One-Time Need

Brief Project Description:

Purchase and shipping of one (1) vacuum sewage pumper truck.

Funding Plan:**Total Cost of Project:** \$150,000*There is no other funding needed***Detailed Project Description and Justification:**

The City of Saint George requires a vacuum sewage pumper truck in order to clean out the City's septic tanks on a regular basis, in accordance with standard practices. Septic tanks need to have sewage sludge removed once a year to maintain the proper action of septic tanks and to prevent clogging of sewer lines, septic tanks, and outfall with sludge.

The City requires a vacuum sewage pumper truck with following basic specification:

- Truck to carry 1250 gallon steel tank
- 1 ea 1250 gal steel vacuum tank
- Primary shutoff
- Secondary shutoff (scrubber)
- Pre-filter
- Vacuum Pump
- Oil catch muffler
- Smoke eliminator
- Access Manways
- Vacuum and pressure relief valves
- Suction and discharge valves
- Power Take-off (PTO)

All of the above is packaged into a system that will be able to empty the septic tanks at St. George.

This system shall be US Manufacture.

Cost of the Truck, FOB Seattle or Anchorage	\$125,000
Estimated barge shipping to St. George	\$ 25,000
Total appropriation requested	\$150,000

Project Timeline:

Item will be ordered and shipped before September 2010.

Entity Responsible for the Ongoing Operation and Maintenance of this Project:

City of Saint George

Grant Recipient Contact Information:

Name: Pat Pletnikoff, Mayor
Address: East Landing Road
St. George Island, AK 99591
Phone Number: (907)859-2263
Email: pat714swet@yahoo.com

Has this project been through a public review process at the local level and is it a community priority? Yes No



4200 SBA 4x2

Sales Proposal For:

Aleutian Pribilof Island Association

Presented By:

CASCADIA INTL LLC-AK

Prepared For:

Aleutian Pribilof Island Association
 Doug Abbas
 1131 E Intl Airport Rd.
 Anchorage, AK 99518-1408
 (907)222 - 4218
 Reference ID: AI076 Stock

Presented By:

CASCADIA INTL LLC-AK
 Josh Schouten
 1301 POST ROAD
 ANCHORAGE AK 99501 -
 (907)279-9591

Thank you for the opportunity to provide you with the following quotation on a new International truck. I am sure the following detailed specification will meet your operational requirements, and I look forward to serving your business needs.

Model Profile
2007 4200 SBA 4X2 (MA015)

APPLICATION:

Septic Pumper

MISSION:

Requested GVWR: 25500. Calc. GVWR: 25500
 Calc. Start / Grade Ability: 27.60% / 2.24% @ 55 MPH
 Calc. Geared Speed: 71.6 MPH

DIMENSION:

Wheelbase: 177.00, CA: 83.90, Axle to Frame: 53.00

ENGINE, DIESEL:

{International Electronic VT365} EPA 04, 215 HP @ 2600 RPM, 540 lb-ft Torque @ 1400 RPM,
 2800 RPM Governed Speed, 215 Peak HP (Max)

TRANSMISSION, AUTOMATIC:

{Allison 2500_RDS_P} 4th Generation Controls; Wide Ratio, 5-Speed, With Overdrive; On/Off
 Hwy; 33,000 lb GVW & GCW Max., With PTO Provision, Less Retarder

CLUTCH:

Omit Item (Clutch & Control)

AXLE, FRONT NON-DRIVING:

{Dana Spicer D800-F} I-Beam Type, 8,000-lb Capacity

AXLE, REAR, SINGLE:

{Dana Spicer 17060S} Single Reduction, 17,500-lb Capacity, With 190 Wheel Ends Gear Ratio:
 6.17

CAB:

Extended Conventional

TIRE, FRONT:

(2) 255/70R22.5 AH12 (HANKOOK) 568 rev/mile, load range H, 16 ply

TIRE, REAR:

(4) 10R22.5 UNISTEEL G124 M+S (GOODYEAR) 514 rev/mile, load range F, 12 ply

SUSPENSION, RR, SPRING, SINGLE:

Vari-Rate; 20,000-lb Capacity, With 4500 lb Auxiliary Rubber Spring

PAINT:

Cab schematic 100GA

Location 1: 9219, Winter White (Std)

Chassis schematic N/A

<u>Code</u>	<u>Description</u>
MA01500	Base Chassis, Model 4200 SBA 4X2 with 177.00 Wheelbase, 83.90 CA, and 53.00 Axle to Frame.
1570	TOW HOOK, FRONT (2) Inside Rail, Frame Mounted.
1CAD	FRAME RAILS High Strength Low Alloy Steel (80,000 PSI Yield); 10.250" x 3.092" x 0.375" (260.4mm x 78.5mm x 9.5mm); 427.0" (10846mm) Maximum OAL
1LLD	BUMPER, FRONT Full Width, Aerodynamic, Steel; 0.142" Material Thickness <u>Includes</u> : BUMPER, FRONT Powder Coated Gray (Argent) Color
1WEB	WHEELBASE RANGE 128" (325cm) Through and Including 183" (465cm)
2AEM	AXLE, FRONT NON-DRIVING {Dana Spicer D800-F} I-Beam Type, 8,000-lb Capacity <u>Notes</u> : The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.
3ADA	SUSPENSION, FRONT, SPRING Parabolic, Taper Leaf; 8,000-lb Capacity; With Shock Absorbers <u>Includes</u> : SPRING PINS Rubber Bushings, Maintenance-Free <u>Notes</u> : The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.
4085	BRAKE SYSTEM, HYDRAULIC {Meritor WABCO} Split System, Full Power, With Automatic Adjustment And With Four Channel ABS
4GAR	BRAKE, PARKING {Bosch} DSSA Type, 12" x 3"; for Hydraulic Brake Chassis; Activated by Lever in Cab; Differential Mounted <u>Includes</u> : PARKING BRAKE CONTROL Lever, Floor Mounted, Located Right of Driver
4JNB	BRAKES, FRONT, HYDRAULIC DISC "DiamondLife" 15.00" x 1.44" Rotors; Dual 2.60" (66mm) Diam. Pistons
4NNC	BRAKES, REAR, HYDRAULIC DISC "DiamondLife" 15.00" x 1.44" Rotors; Dual 73mm Diam. Pistons
5708	STEERING COLUMN Tilting
5CAL	STEERING WHEEL 2-Spoke, 18" Diam., Black
5PRG	STEERING GEAR {TRW (Ross) TAS-40} Power
7BCA	EXHAUST SYSTEM Single, Horizontal, Stainless Steel Muffler With Internal Catalytic Converter; Aluminized Steel Short Tail Pipe, Frame Mounted Right Side; for 2004 Emissions Standards with International V8 Engines
8000	ELECTRICAL SYSTEM 12-Volt, Standard Equipment <u>Includes</u> : BATTERY BOX Steel : DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab : FUSES, ELECTRICAL SAE Blade-Type : HORN, ELECTRIC Single : PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light : STARTER SWITCH Electric, Key Operated : STOP, TURN, TAIL & B/U LIGHTS Dual, Rear, Combination with Reflector : TURN SIGNAL SWITCH Self-Cancelling with Lane Change Feature : TURN SIGNALS, FRONT Includes Reflectors and Auxiliary Side Turn Signals, Solid State Flashers; Flush Mounted

<u>Code</u>	<u>Description</u>
	: WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever
	: WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted
	: WIRING, CHASSIS Color Coded and Continuously Numbered
8518	CIGAR LIGHTER Includes Ash Cup
8540	HORN, ELECTRIC (2)
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
8HAG	ELECTRIC TRAILER BRAKE/LIGHTS Accommodation Package to Rear of Frame; for Separate Trailer Stop, Tail, Turn, Marker Light Circuits; Includes Electric Trailer Brake accommodation package With Cab Connections for Mounting Customer Installed Electric Brake Unit, Less Trailer Socket
8MEP	BATTERY SYSTEM {International} Maintenance-Free (2) 12-Volt 1300CCA Total.
8RGP	RADIO {International} AM/FM Stereo With CD Player, Weatherband, Clock, Includes Multiple Coaxial Speakers, Satellite Radio Compatible
8THB	BACK-UP ALARM Electric, 102 dBA
8WPB	HEADLIGHTS Halogen; Composite Aero Design for Two Light System; Includes Daytime Running Lights
8WPJ	COURTESY LIGHT (2) Mounted Under Instrument Panel
8WTC	ALTERNATOR {Leece-Neville 8LHA2054UAH} Brush Type, 12 Volt, 110 Amp, Capacity
8WWN	STARTING MOTOR {Leece-Neville M100R} 12-Volt; less Thermal Over-Crank Protection
8XAH	CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III With Trip Indicators, Replaces All Fuses Except For 5-Amp Fuses
9HAD	GRILLE Chrome
9WAY	FRONT END Tilting, 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
10NMB	PROMOTIONAL PROGRAM IDENTITY Package No. 22
11001	CLUTCH Omit Item (Clutch & Control)
12890	BLOCK HEATER, ENGINE {Phillips} 120 Volt/1000 Watt
	<u>Includes</u>
	: BLOCK HEATER SOCKET Receptacle Type; Mounted below Drivers Door
12NRS	ENGINE, DIESEL {International Electronic VT365} EPA 04, 215 HP @ 2600 RPM, 540 lb-ft Torque @ 1400 RPM, 2800 RPM Governed Speed, 215 Peak HP (Max)
	<u>Includes</u>
	: AIR COMPRESSOR AIR SUPPLY LINE Naturally-Aspirated
	: CRUISE CONTROL Electronic; Controls Integral to Steering Wheel
	: ENGINE OIL DRAIN PLUG Magnetic
	: ENGINE SHUTDOWN Electric, Key Operated
	: FUEL FILTER Engine Mounted
	: FUEL HEATER Included with Fuel/Water Separator
	: FUEL/WATER SEPARATOR Engine Mounted

<u>Code</u>	<u>Description</u>
	: GLOW PLUG Automatic with Indicator Light : GOVERNOR Electronic : OIL FILTER, ENGINE Drop-In Cartridge Type
12TTB	FAN DRIVE {Borg-Warner Series 790} Viscous Type, Screw On <u>Includes</u> : FAN Nylon
12UWP	RADIATOR {Modine} Aluminum , 2 Row, Cross Flow, Over Under System, 516 SqIn, Louvered, With 270 SqIn Charge Air Cooler, 16 Fins per in., 3.5" Core <u>Includes</u> : ANTI-FREEZE Red 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 <u>Includes</u> : GAUGE, AIR CLEANER RESTRICTION Air Cleaner Mounted
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
13AHS	TRANSMISSION, AUTOMATIC {Allison 2500_RDS_P} 4th Generation Controls; Wide Ratio, 5-Speed, With Overdrive; On/Off Hwy; 33,000 lb GVW & GCW Max., With PTO Provision, Less Retarder <u>Includes</u> : TRANSMISSION OIL PAN Magnet in Oil Pan
13WLE	TRANSMISSION OIL {Castrol TranSynd} Synthetic; 20 thru 28 Pints
14AGE	AXLE, REAR, SINGLE {Dana Spicer 17060S} Single Reduction, 17,500-lb Capacity, With 190 Wheel Ends . Gear Ratio: 6.17 <u>Includes</u> : REAR AXLE DRAIN PLUG (1) Magnetic, For Single Rear Axle <u>Notes</u> : When Specifying Axle Ratio, Check Performance Guidelines and TCAPE for Startability and Performance
14VAG	SUSPENSION, RR, SPRING, SINGLE Vari-Rate; 20,000-lb Capacity, With 4500 lb Auxiliary Rubber Spring
14WAP	SHOCK ABSORBERS, REAR (2)
14WLA	AXLE, REAR, LUBE {EmGard 75W-90} Synthetic Oil; 1 thru 29.99 Pints
15SCD	FUEL TANK Top Draw; D Style, Steel, 50 U.S. Gal., 189 L Capacity, 16" Deep, With Quick Connect Outlet, Mounted Right Side, Under Cab
16CAB	CAB Extended Conventional <u>Includes</u> : ARM REST (2) Molded Plastic; One Each Door : CLEARANCE/MARKER LIGHTS (5) Flush Mounted : COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window : DOME LIGHT, CAB Rectangular, Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Console, Center Mounted : GLASS, ALL WINDOWS Tinted

<u>Code</u>	<u>Description</u>
	: GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side : GRAB HANDLE, CAB INTERIOR (2) Front of "B" Pillar Mounted, One Each Side : NOTE: 26" CA Loss : STEP (4) Two Steps per Door : WINDOWS, PRIVACY GLASS Rear Side Windows and Rear Window, Dark PrivaGuard Glass
	<u>Notes</u> : 26" CA Loss
16HBA	GAUGE CLUSTER English With English Electronic Speedometer
	<u>Includes</u> : GAUGE CLUSTER (5) Engine Oil Pressure (Electronic), Water Temperature (Electronic), Fuel (Electronic), Tachometer (Electronic), Voltmeter : 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)
16JNZ	SEAT, DRIVER {National 2000} Self Contained with Compressor, High Back with Integral Head Rest, Vinyl, Isolator, Mechanical Lumbar, 2 Position Front Cushion Adjust, -3 to +14 Degree Back Angle Adjust
	<u>Includes</u> : SEAT BELT 3-Point, Lap and Shoulder Belt Type
16PJH	SEAT, PASSENGER {Gra-Mag} Non Suspension, High Back, Fixed Back, Integral Headrest, Vinyl
	<u>Includes</u> : SEAT BELT 3-Point, Lap and Shoulder Belt Type
16RZG	SEAT, REAR {International} BENCH; 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 2-Point Lap Belt for Center Passenger
16SDE	MIRROR, CONVEX, LOOK DOWN {Lang Mekra} Right Side; 6" x 10 1/4"
16SDL	MIRRORS (2) {Lang Mekra} Rectangular, 7.44" x 14.84" & 7.44" sq. Convex Both Sides, 102" Inside Spacing, Breakaway Type, Heated Heads Thermostatic Controlled, Black Heads, Brackets and Arms
16WJS	INSTRUMENT PANEL Center Section, Flat Panel
16WKB	AIR CONDITIONER {International Blend-Air} With Integral Heater & Defroster
	<u>Includes</u> : HEATER HOSES Premium : REFRIGERANT Hydrofluorocarbon HFC-134A
16WKY	FRESH AIR FILTER for HVAC
16WSE	LOW WASHER FLUID INDICATOR
16WSX	CAB INTERIOR TRIM Deluxe; for Extended Cab
	<u>Includes</u> : "A" PILLAR COVER Molded Plastic : CAB INTERIOR TRIM PANELS Cloth Covered Molded Plastic, Full Height; All Exposed Interior Sheet Metal is Covered Except for the Following: with a Two-Man Passenger Seat or with a Full Bench Seat the Back Panel is Completely Void of Covering : CONSOLE, OVERHEAD Molded Plastic; With Dual Storage Pockets with Retainer Nets and CB Radio Pocket : DOOR TRIM PANELS Molded Plastic; Driver and Passenger Doors : HEADLINER Printed Cloth : INSTRUMENT PANEL TRIM Molded Plastic with Black Center Section : STORAGE POCKET, DOOR (1) Molded Plastic, Full-Length; Driver Door

<u>Code</u>	<u>Description</u>
	: SUN VISOR (2) Padded Vinyl with Driver Side Toll Ticket Strap, Integral to Console
27DNS	WHEELS, FRONT DISC; 22.5" Painted Steel, 10-Stud (285.75MM BC) Hub Piloted, 5 Hand Hold, Flanged Nut, Metric Mount, 7.50 DC Rims; With Steel Hubs.
	<u>Includes</u>
	: PAINT IDENTITY, FRONT WHEELS White
	: WHEEL SEALS, FRONT Grease Lubricated, Includes Wheel Bearings
	<u>Notes</u>
	: Compatible Tire Sizes: 9R22.5, 10R22.5, 11R22.5, 235/80R22.5, 245/75R22.5, 255/70R22.5, 255/80R22.5, 265/75R22.5, 275/70R22.5, 275/80R22.5
28DNS	WHEELS, REAR DUAL DISC; 22.5" Painted Steel, 10-Stud (285.75MM BC) Hub Piloted, 5 Hand Hold, Flanged Nut, Metric Mount, 7.50 DC Rims; With Steel Hubs
	<u>Includes</u>
	: PAINT IDENTITY, REAR WHEELS White
	: WHEEL SEALS, REAR Oil Lubricated, Includes Wheel Bearings
	<u>Notes</u>
	: Compatible Tire Sizes: 9R22.5, 10R22.5, 11R22.5, 235/80R22.5, 245/75R22.5, 255/70R22.5, 255/80R22.5, 265/75R22.5, 275/70R22.5, 275/80R22.5
29580	WHEEL SEALS, FRONT {International} Oil-Lubricated Wheel Bearings
29WLA	WHEEL BEARING, FRONT, LUBE {EmGard 50W} Synthetic Oil
35100	PAINT, CAB Single Color for 2,3 or 4-Tone Special Schematics
7362110192	(4) TIRE, REAR 10R22.5 UNISTEEL G124 M+S (GOODYEAR) 514 rev/mile, load range F, 12 ply
7752525801	(2) TIRE, FRONT 255/70R22.5 AH12 (HANKOOK) 568 rev/mile, load range H, 16 ply
1	BSI 1000 Gallon Septic Pumper Tank
	Misc PDI/Delivery
	Raw Materials Surcharge
	Limited Slip Differential

<u>Description</u>	(USA DOLLAR)	<u>Price</u>
Net Sales Price:		\$97,000.00

This quote is good for 30 days. All inventory units are subject to prior sale. Unless otherwise noted, the quote above does NOT include title and licensing charges.

Please feel free to contact me regarding these specifications should your interests or needs change. I am confident you will be pleased with the quality and service of an International vehicle.

Approved by Seller:

Accepted by Purchaser:

Official Title and Date

Firm or Business Name

Authorized Signature

Authorized Signature and Date

This proposal is not binding upon the seller without Seller's Authorized Signature

Official Title and Date

City of St. George
Funding Request

Funding for a 1,000 gallon capacity Vacuum Sewage Pumper Truck is the City of St. George's number one priority request to the legislature for SFY 2011. The most recent requests by St. George to Indian Health Service and the Village Safe Water for a grant to purchase a truck and the associated freight were not successful. Total cost of the truck set up and operational is \$115,840.00, while shipping costs vary it is estimated at \$30,000.00, for a total funding request of \$145,840.00. If funded this would be a single year request and would not be in need of additional funding requests for this project.

This truck would be operated and maintained by the City of St. George Public Works Department, and used to evacuate and transport sewage sludge from septic tanks and wastewater collection system blockages to the permitted septage disposal site in the St. George Landfill. The City will then be able to empty the four (4) 5,000 gallon community septic tanks, on a regular basis (every two years). The truck will also be used for other sewage system problems.

Salt air and blowing sand create a harsh and corrosive atmosphere that is hard on equipment. The previous pumper truck had over 20 years of service, and exceeded its design life. The original 1000 gallon pumper was provided by Public Health Service in 1984.

It has not been physically possible to pump or clean St. George's septic tanks in a sanitary manner in over six (6) years because no suitable equipment exists on the Island. The tanks are now full of sewage sludge which have accumulated over the years, causing frequent blockages. Today raw sewage overflows the septic tanks and manholes, then down city streets resulting in a direct health risk to the entire community.



4200 SBA 4x2

Sales Proposal For:
City of St. George

Presented By:
CASCADIA INTL LLC-AK
