

**SAN ANTONIO WATER SYSTEM
SAN ANTONIO, TEXAS**

FORMAL INVITATION, BID

Sealed bids addressed to the Purchasing Director, San Antonio Water System, 2800 U.S. Hwy 281 North, San Antonio, TX 78212 will be received until **3:00 p.m., July 28, 2011** and then publicly opened and read aloud for furnishing materials or services as described received herein below,

- In estimated quantities indicated below.
- For period beginning Date of Award and ending September 30, 2013.
- Bid Bond is required
- Bid Bond is not required.
- Performance Bond is required.
- Performance Bond is not required.
- Price quoted shall be firm and non-escalating during the contract period

Item No.	Estimated Quantity	Description	Unit Price	Total Amount
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**SAN ANTONIO WATER SYSTEM
"BEST VALUE" BID for
FOR GLOBAL POSITIONING SYSTEM
(GPS) TRACKING SYSTEM
ADDENDUM NO. 1**

Addendum No. 1 provides a list of the questions asked and provides SAWS responses.

IT IS NOT NECESSARY TO RETURN THIS ADDENDUM WITH YOUR BID

c::rb;bestvalue/GPS system

Bid No. 11-1137

NOTICE TO BIDDERS: The San Antonio Water System Purchasing Division is willing to assist any bidder(s) in the interpretation of bid provisions or explanation of how bid forms are to be completed. Assistance can be received by visiting the Purchasing Division located at 2800 U.S. 281 Hwy North, or by calling (210) 233-38.

IMPORTANT MAILING INSTRUCTIONS:	MAIL TO: Purchasing Division San Antonio Water System P. O. Box 2449 San Antonio, Texas 78298-2449	DELIVER TO: Purchasing Division San Antonio Water System 2800 U.S. 281 Hwy North San Antonio, Texas 78212
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Please check the following blanks which apply to your company:

Ownership of firm (51% or more): _____ Non-minority _____ Hispanic _____ African-American _____ Other Minority (specify) _____ Female Owned
 _____ Handicapped Owned _____ Small Business (less than \$1 million annual receipts or 100 employees)

The undersigned offers and agrees to furnish any or all the items or services enumerated and upon which prices are quoted at the unit price set opposite each item, delivered at the designated point(s) within the time specified. Bidder hereby makes this bid and offer subject to the Terms and Conditions on the reverse hereof and subject further to the terms and conditions of this Invitation for Bid, the accompanying schedule and such other contract provisions, specifications, drawings or other data as are attached or incorporated by reference in the schedule; and upon acceptance of this bid and offer, bidder agrees to comply with all such Terms and Conditions, as well as contract provisions, specifications, drawings or other data.

BIDDER MUST COMPLETE THE FOLLOWING:

Discount Terms: _____ % 20 days. (Net 30 days if left blank) Date of Bid _____

Delivery will be completed within _____ calendar days after receipt of order. (if applicable)

Name of Bidder (Company) (print or type)	Signature of person authorized to sign bid:
Address	Print or Type Name of Authorized person
City, State and Zip Code	Phone No. Fax No.
	E-mail Address

**SAN ANTONIO WATER SYSTEM, SAN ANTONIO, TEXAS
FORMAL INVITATION, BID (continued)**

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Item No.	Estimated Quantity	Description	Unit Price	Total Amount
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- 1) Will SAWS provide a Year-Make-Model-Engine list of vehicles included in the first 100 vehicles? Are any vehicles older than model year 2000?

Response: SAWS is unable to provide a list of vehicles included in the first 100. However attached is a list of all of the types of vehicles in our fleet with Year, Make, Model information that would potentially make up the first 100. We are unable to provide the Engine type. Currently there are 16 vehicles in our fleet that are older than model year 2000.

As specified in the proposal "Units should be compatible with a 9 pin Deutsch Connector, and 6 Pin ODBII connector, to support ease of installation and diagnostic information.

- 2) Can SAWS supply us with a vehicle list including make, model and VIN?

Response: See question 1. Since SAWS does not have an exact list of what will be included in the first 100, we have not provided the vin's. The attachment does provide all years, makes, and model of equipment that is in our fleet.

Section IV, System Requirements/Software states, "Describe how vehicle information and reporting information can be transferred from the system to a MS SQL server based data warehouse for advanced reporting and analytics."

- 3) Does SAWS host the MS SQL server referenced?

Response: Yes

- 4) What kind of advanced reporting and analytics are you referring to in this statement?

Response: Describe how data from your system would be able to be transferred to a MS SQL Server so that we may run queries against the server to provide advanced reporting and analytics.

Section IV, System Requirements/Installation states, "Hardware connected to the ODB connector must allow for continued function of the Fuel system transceiver as well as allow for scan tool connection."

- 6) What fuel system do you currently use?

Response: EJ Ward

- 7) Please describe in detail (vendor, part number, product name, etc.) any hardware including but not limited to your fuel system that is connected to the OBD or JBus ports of your vehicles. Please specify which vehicles have this hardware installed.

Response: Ward CANceiver from EJ Ward on vehicles that have OBDII, and VIT from EJ Ward on vehicle on construction equipment. Our fleet utilizes the below diagnostic interfaces.

Name of Bidder (Company) (print or type)

Signature of person authorized to sign bid:

**SAN ANTONIO WATER SYSTEM, SAN ANTONIO, TEXAS
FORMAL INVITATION, BID (continued)**

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Item No.	Estimated Quantity	Description	Unit Price	Total Amount
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Diagnostic Interface Cables		
Part Number	Type	Description
CBL-J1962-D	J1962 16-pin	J1850 and J2284 Light Duty Vehicles
CBL-J1708-6PD	J1708 6-pin	6-pin J1708 Heavy Duty Diesels
CBL-J1939-9PD	J1708 9-pin	9-pin J1708 and J1939 Heavy Duty Diesels
CBL-J1708-16PD	J1708 16-pin	16-pin J1708 specific for GM "C" series trucks

Section IV, System Requirements/Tracking System/Features states, "system has an emergency capability to send alarm or distress of operator needing assistance (officer down button)."

- 8) Is this button to be operational only inside the vehicle or is there a requirement to provide the capability outside the vehicle as well?

Response: Inside the vehicle.

Section IV, System Requirements/Tracking System/Maintenance states, "Vendor must be able to respond to required service within 4 hours if the vehicle is deemed to be out of service due to GPS unit."

- 9) Does that mean onsite response or a phone/electronic response within 4 hours?

Response: Onsite

Section VIII, Required documents, Item 3 states, "Provide references with supporting documentation....."

- 10) References are listed on Required Documents Item 2. Does the term "references" in Item 3 mean something different?

Response: Same meaning, providing your company's product experience, expertise, and reliability.

The Bid states: The preferred hardware will be simple to install by plugging in unit and antennae.

All connections are to be soldered and sealed to prevent moisture from entering the connection. No connections are to be made with devices that pierce the insulation of the wire to make electrical contact. No fuse taps are to be used that slide over one leg of the fuse to supply power to another circuit. No connections are to be made directly to the battery

- 11) Our system is installed in the vehicle using a standard 3 wire installation (power, ground, ignition/aux). It references connections being made straight to the battery. Does this mean no wires are to be connected to the 12 volt system in general or just directly to the battery?

Response: Nothing can be connected directly to the battery, but can go to the power module.

Name of Bidder (Company) (print or type)

Signature of person authorized to sign bid:

**SAN ANTONIO WATER SYSTEM, SAN ANTONIO, TEXAS
FORMAL INVITATION, BID (continued)**

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Item No.	Estimated Quantity	Description	Unit Price	Total Amount
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- 12) It states you're looking for 9 or 6 pin connectivity for diagnostic information. Are you requiring On Board Diagnostic reporting as part of the GPS solution? Or do you simply want the *ability* to have OBD if you choose?

Response: Ability and ease of installation.

Do you have a vehicle list and can you determine how many of those vehicles (with make/model) will require OBD or JBus connectivity?

Response: Attached you will find a list of all of the makes and models in our fleet. We utilize EJ Ward as our fuel system that is plugged into the ODB using the below type of cables, based on the type of vehicle. That cable has a pig tail allowing you to plug for the 9 or 6 pin connectivity.

EJ Ward Cable Info is below.

Diagnostic Interface Cables		
Part Number	Type	Description
CBL-J1962-D	J1962 16-pin	J1850 and J2284 Light Duty Vehicles
CBL-J1708-6PD	J1708 6-pin	6-pin J1708 Heavy Duty Diesels
CBL-J1939-9PD	J1708 9-pin	9-pin J1708 and J1939 Heavy Duty Diesels
CBL-J1708-16PD	J1708 16-pin	16-pin J1708 specific for GM "C" series trucks

- 13) Does SAWS require an independent agency certification to validate a bidder's small minority and veteran owned business status? If so, which agency certifications do you recognize?

Response: SAWS would prefer that the bidders be certified by the South Central Texas Regional Certification Agency (SCTRCA); however, SAWS will accept certifications from the Texas State Comptroller for Historical Underutilized Businesses (HUB) or the Small Business Administration – as long as the Small, Minority or Woman-owned business designation is not through self-certification process. SAWS will award evaluation points for certified Small, Minority or Woman-owned business designations but does not award any evaluation points for veteran owned business enterprises.

The South Central Texas Regional Certification Agency (SCTRCA) can be reached at www.sctrca.org or at 210-227-4722. For further clarifications or additional information regarding SAWS Small, Minority or Woman-owned Business program, please contact Marisol V. Robles at 210-233-3420.

- 14) Does registration with Dun and Bradstreet and on the Central Contractor Registration through the Small Business Administration as a Minority and Veteran Owned Small Business qualify?

SAWS will not accept the registration with Dun and Bradstreet. SAWS will recognize Small, Minority or Woman-owned business designations from the Small Business Administration; however, not through a self-certification process.

Name of Bidder (Company) (print or type)

Signature of person authorized to sign bid:

SAWS Vehicle Listing

YEAR	EQUIP	MFG	MODEL
1997		CHEVROLET	V2500
1998		CHEVROLET	CHEYENNE 2500
1998		CHEVROLET	CHEYENNE 3500 HD
1999		CHEVROLET	1500 SILVERADO
1999		CHEVROLET	CHEYENNE 2500
2000		CHEVROLET	2500
2000		CHEVROLET	G2500
2000		CHEVROLET	WORKHORSE
2003		CHEVROLET	1500 SILVERADO
2003		CHEVROLET	BLAZER
2003		CHEVROLET	EXPRESS
2003		CHEVROLET	G2500
2003		CHEVROLET	S10
2003		CHEVROLET	SUBURBAN
2003		CHEVROLET	SUBURBAN 2500
2004		CHEVROLET	BLAZER
2004		CHEVROLET	C1500
2004		CHEVROLET	C8500
2004		CHEVROLET	EXPRESS
2004		CHEVROLET	K1500
2004		CHEVROLET	KODIAK C7500
2004		CHEVROLET	SILVERADO
2005		CHEVROLET	EXPRESS CARGO 2500
2006		CHEVROLET	C8500
2007		CHEVROLET	1500 SILVERADO
2007		CHEVROLET	1500 SILVERADO
2008		CHEVROLET	1500 SILVERADO
2008		CHEVROLET	2500 SILVERADO HD
2008		CHEVROLET	3500 SILVERADO
2008		CHEVROLET	EXPRESS CARGO 2500
2008		CHEVROLET	TRAILBLAZER
2009		CHEVROLET	1500 SILVERADO
2009		CHEVROLET	HYBRID TAHOE
2009		CHEVROLET	SILVERADO 2500 HD
2010		CHEVROLET	SUBURBAN
2011		CHEVROLET	1500 SILVERADO / HYBRID
2009		CHEVROLET	EXPRESS CARGO 2500
2009		CHEVROLET	SILVERADO 3500
2004		DODGE	1500
2004		DODGE	2500
2004		DODGE	1500 DURANGO
2004		DODGE	RAM 1500
2004		DODGE	RAM 2500

YEAR_EQUIP	MFG	MODEL
2004	DODGE	RAM 3500
2005	DODGE	2500
2005	DODGE	3500 ST
2005	DODGE	DAKOTA
2005	DODGE	RAM 2500
2006	DODGE	RAM 3500
2007	DODGE	RAM 1500
2008	DODGE	NITRO
2009	DODGE	RAM 2500
2009	DODGE	RAM 3500
1996	FORD	F150
1997	FORD	F150
1997	FORD	F250 SUPER DUTY
1998	FORD	RANGER
1999	FORD	E250
2000	FORD	F150
2001	FORD	E250
2001	FORD	F150
2001	FORD	F350 SUPER DUTY
2002	FORD	EXPLORER
2002	FORD	F150
2003	FORD	F150
2003	FORD	F350 SUPER DUTY
2003	FORD	F450
2003	FORD	SPORT TRAC
2004	FORD	E250
2004	FORD	E350
2004	FORD	F150
2004	FORD	F250
2004	FORD	F250 SUPER DUTY
2004	FORD	F350 SUPER DUTY
2004	FORD	F450
2004	FORD	F550
2004	FORD	F750
2005	FORD	E250
2005	FORD	EXCURSION
2005	FORD	F150
2005	FORD	F350 SUPER DUTY
2005	FORD	F450
2005	FORD	F550
2006	FORD	F250 SUPER DUTY
2006	FORD	F450
2006	FORD	F750
2007	FORD	F150
2007	FORD	F550
2007	FORD	F550 SUPER DUTY

YEAR_EQUIP	MFG	MODEL
2008	FORD	ESCAPE
2008	FORD	EXPEDITION XLT EL
2008	FORD	EXPLORER
2008	FORD	F150
2008	FORD	F250 SUPER DUTY
2008	FORD	F350 SUPER DUTY
2008	FORD	F450
2008	FORD	F550 SUPER DUTY
2008	FORD	F550 SUPER DUTY
2009	FORD	E450
2009	FORD	F250 SUPER DUTY
2009	FORD	F350 SUPER DUTY
2009	FORD	F550 SUPER DUTY
2009	FORD	F550 SUPER DUTY
2009	FORD	F750
2010	FORD	E250
2010	FORD	ESCAPE HYBRID
2010	FORD	EXPLORER
2010	FORD	F150
2010	FORD	F250 SUPER DUTY
2010	FORD	F350 SUPER DUTY
2010	FORD	F550 SUPER DUTY
2010	FORD	F750
2010	FORD	RANGER
2011	FORD	E250
2011	FORD	E350
2011	FORD	ESCAPE HYBRID
2011	FORD	F150
2011	FORD	F250
2011	FORD	F250 SUPER DUTY
2011	FORD	F550
2011	FORD	F550 SUPER DUTY
2011	FORD	F750
2011	FORD	RANGER
2008	FORD	F550 SUPER DUTY
2009	FORD	E250
2009	FORD	E350
2009	FORD	EXPLORER
2009	FORD	F250 SUPER DUTY
2009	FORD	F550 SUPER DUTY
2009	FORD	F750
2000	FREIGHTLINER	FL70
2001	FREIGHTLINER	FL60
2002	FREIGHTLINER	FL60
2004	FREIGHTLINER	FL70
2004	FREIGHTLINER	FL80

YEAR_EQUIP	MFG	MODEL
2004	FREIGHTLINER	M2 106
2009	FREIGHTLINER	M2 106
2010	FREIGHTLINER	M2 112V
2009	FREIGHTLINER	M2 106
2001	GMC	SAVANA 3500
2002	GMC	SAVANA 3500
1987	GMC	C30
2000	INTERNATIONAL	4600
2000	INTERNATIONAL	4700
2001	INTERNATIONAL	4600
2005	INTERNATIONAL	7500
2005	INTERNATIONAL	7600
2006	INTERNATIONAL	7400 SBA
2007	INTERNATIONAL	4400 SBA
2008	INTERNATIONAL	4400 SBA
2008	INTERNATIONAL	7600
2009	INTERNATIONAL	7600
2010	INTERNATIONAL	7400 SBA
2011	INTERNATIONAL	7400 SBA
2007	JEEP	LIBERTY SPORT
2008	KENWORTH	T800
2003	MACK	GRANITE
2011	MACK	GU813
2010	PETERBUILT	367
2001	STERLING	ACTERRA
2004	STERLING	LT9500
2006	STERLING	LT9500
2008	STERLING	LT7500
2008	STERLING	LT9500
2009	STERLING	M8500
2009	STERLING	ACTERRA PRL-32K
2009	STERLING	LT9500
2010	WESTERN STAR	4900FA