

CITY OF SAN ANTONIO
INTERDEPARTMENTAL MEMORANDUM
PURCHASING & GENERAL SERVICES DEPARTMENT

TO: Mayor and City Council

FROM: Janie B. Cantu, Director of Purchasing & General Services

THROUGH: Terry M. Brechtel, City Manager

COPIES: Erik J. Walsh, Assistant to the City Manager;
File

SUBJECT: Installation of Automatic Fuel Tank Monitors

DATE: March 11, 2004

SUMMARY & RECOMMENDATION:

This ordinance authorizes the Purchasing & General Services Department to accept the low responsive bid submitted by Petroleum Solutions, Inc. for installation of automatic fuel tank monitors for various sites located throughout the City. Staff recommends approval of this ordinance.

BACKGROUND INFORMATION:

Submitted for council consideration and action is an ordinance accepting the low responsive bid submitted by Petroleum Solutions, Inc. for installation of ten automatic fuel tank monitors at refueling and emergency backup generator sites located throughout the City.

The City of San Antonio currently operates seventeen fuel tank sites located throughout the City, of which, five sites are currently equipped with updated automatic fuel tank monitors. These monitors provide continuous leak detection monitoring and daily fuel inventory reconciliation through the use of state of the art equipment and software. This ordinance will provide for the installation of ten more automatic fuel tank monitors at sites, which are currently utilizing older model equipment, which require once-a-month manual leak detection inspections and twice daily manual tank readings for inventory purposes.

The benefits of this automated technology are many. The equipment will help to electronically alert the City of leaking underground storage tanks and thus, possible catastrophic contamination of water supplies. Furthermore, Fleet Maintenance and Operations staff will have the capability of setting alarms for fuel leaks with the alarm messages displayed as electronic messages over the City's network or digitally as phone messages/pager alerts. The equipment will also allow for continuous fuel inventory monitoring without operational shutdown, will eliminate potential measuring errors associated with the manual process, and will free up staff time at fuel sites.

Petroleum Solutions, Inc. is a registered and licensed Underground Storage Tank (UST) contractor with the Texas Commission of Environmental Quality (TCEQ). As a registered UST contractor, Petroleum Solutions, Inc. must have a licensed UST on-site supervisor at the sites at all times during the critical stages of UST installation, repair, or removal project. They also maintain two types of licenses: "A" for UST installations and "B" for UST removals. The installation for all ten sites will take approximately 90 days.

POLICY ANALYSIS:

The annual budget expenditure for fuel and petroleum products in the City of San Antonio is approximately six million dollars. The state-of-the-art equipment and monitoring software to be installed are designed for complete regulatory compliance, will help to electronically alert the City of leaking underground storage tanks and thus, possible catastrophic contamination of water supplies, and will automatically perform accurate leak detection tests recognized as an approved method of tank and line tightness testing for all Underground Storage Tank (UST) owners and operators in order to comply with state and federal requirements. This contract will provide a one-year manufacturer's warranty that includes all equipment and installation.


With the addition of the new equipment and software, Fleet Maintenance and Operations can eliminate the need for monthly preventive maintenance and realize an annual savings of approximately \$27,200.00 for fifteen sites that will not require monthly inspections. An equipment trade-in allowance of \$ 9,100.00 is included in the total cost.

FINANCIAL IMPACT:


The total cost of this contract is \$167,820.80. Funding will be from the Internal Services Fund, the Equipment Renewal & Replacement Fund and the Miscellaneous Special Revenue-Community and Visitor Facility Fund. All expenditures will be in accordance with the FY2003-2004 budget approved by City Council.

SUPPLEMENTAL INFORMATION:

This contract was developed utilizing the formal competitive bid process; therefore, an Ethics Disclosure Form is not required.


Jamie B. Cantu, C.P.M., Director
Purchasing & General Services

Approved:-


Erik J. Walsh, Assistant to the City Manager
City Manager's Office


Terry M. Brechtel
City Manager

City of San Antonio Bid Tabulation

Opened: February 2, 2004

For: Installation of Automatic Fuel Tank Monitors

04-019

Mkr/mar

Petroleum Solutions, Inc.

United Pump Supply

9907 Iota

505B Tradesman Park
Drive

San Antonio,
TX 78217

Hutto,
TX 78634

Item	Description		
A.	Alamodome - 100 Montana		
	Total Installation Labor Cost	\$1,810.00	\$2,500.00
	Total Excavation Labor Cost	\$0.00	\$1,320.00
	Less Equipment Trade-In: NONE	\$0.00	\$0.00
	Total Equipment Cost	\$5,775.00	\$6,175.00
	Total Alamodome Site Cost	\$7,585.00	\$9,995.00
B.	Fleet & Radio Services - 329 S. Frio		
	Total Installation Labor Cost	\$4,788.00	\$5,500.00
	Total Excavation Labor Cost	\$0.00	\$3,575.00
	Less Equipment Trade-In: TLS 250-1 Monitor	-\$700.00	-\$500.00
	Total Equipment Cost	\$6,740.00	\$8,240.00
	Total Fleet & Radio Services Site Cost	\$11,528.00	\$17,315.00
C.	Zarzamora Service Center - 4719 S. Zarzamora		
	Total Installation Labor Cost	\$9,826.00	\$12,000.00
	Total Excavation Labor Cost	\$0.00	\$2,640.00
	Less Equipment Trade-In: TLS 250 Monitor	-\$500.00	-\$500.00
	Less Equipment Trade-In: 5 Level Probes	-\$1,000.00	-\$1,000.00
	Total Equipment Cost	\$13,483.00	\$15,505.00
	Total Zarzamora Service Center Site Cost	\$23,309.00	\$30,145.00
D.	Downtown Police Station - 214 W. Nueva		
	Total Installation Labor Cost	\$10,715.00	\$11,000.00
	Total Excavation Labor Cost	\$0.00	\$5,000.00
	Less Equipment Trade-In: TLS 250 Monitor	-\$500.00	-\$500.00
	Less Equipment Trade-In: 4 Level Probes	-\$600.00	-\$600.00
	Total Equipment Cost	\$11,557.00	\$15,020.00
	Total Downtown Police Station Site Cost	\$22,272.00	\$31,020.00
E.	Northwest Service Center - 7000 Culebra Road		
	Total Installation Labor Cost	\$8,607.00	\$12,000.00
	Total Excavation Labor Cost	\$0.00	\$1,875.00
	Less Equipment Trade-In: TLS 250 Monitor	-\$500.00	-\$500.00
	Less Equipment Trade-In: 6 Level Probes	-\$1,000.00	-\$1,200.00
	Total Equipment Cost	\$14,522.00	\$17,745.00
	Total Northwest Service Center Site Cost	\$23,129.00	\$31,620.00
F.	Patrol North Police Substation - 13030 Jones Maltsberger Road		
	Total Installation Labor Cost	\$4,918.00	\$10,200.00
	Total Excavation Labor Cost	\$4,320.00	\$1,625.00
	Less Equipment Trade-In: TLS 250 Monitor	-\$500.00	-\$500.00
	Less Equipment Trade-In: 2 Level Probes	-\$400.00	-\$400.00
	Total Equipment Cost	\$10,280.00	\$11,890.00
	Total Patrol North Police Substation Site Cost	\$19,518.00	\$23,715.00
G.	Patrol East Police Substation - 3635 E. Houston		
	Total Installation Labor Cost	\$6,266.00	\$10,200.00
	Total Excavation Labor Cost	\$2,656.80	\$1,500.00
	Less Equipment Trade-In: TLS 250 Monitor	-\$500.00	-\$500.00
	Less Equipment Trade-In: 3 Level Probes	-\$600.00	-\$600.00
	Total Equipment Cost	\$11,362.00	\$14,775.00
	Total Patrol East Police Substation Site Cost	\$20,284.80	\$26,475.00

City of San Antonio Bid Tabulation

Opened: February 2, 2004			
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04-019		MkR/mar	9907 Iota
		Petroleum Solutions, Inc.	United Pump Supply
		San Antonio, TX 78217	Hutto, TX 78634
H.	San Antonio Police Academy - 12200 SE Loop 410		
	Total Installation Labor Cost	\$4,481.00	\$6,200.00
	Total Excavation Labor Cost	\$0.00	\$0.00
	Less Equipment Trade-In: TLS 250 Monitor	-\$500.00	-\$500.00
	Less Equipment Trade-In: 1 Level Probe	-\$200.00	-\$200.00
	Total Equipment Cost	\$8,202.00	\$9,050.00
	Total San Antonio Police Academy Site Cost	\$12,683.00	\$15,250.00
I.	Airport Maintenance - 10223 John Saunders		
	Total Installation Labor Cost	\$8,443.00	\$11,250.00
	Total Excavation Labor Cost	\$0.00	\$4,500.00
	Less Equipment Trade-In: TLS 250 Monitor	-\$500.00	-\$500.00
	Less Equipment Trade-In: 2 Level Probes	-\$400.00	-\$400.00
	Total Equipment Cost	\$9,600.00	\$10,750.00
	Total Airport Maintenance Site Cost	\$18,043.00	\$26,500.00
J.	Emergency Command Center - 115 Auditorium Circle		
	Total Installation Labor Cost	\$2,416.00	\$4,200.00
	Total Excavation Labor Cost	\$0.00	\$0.00
	Less Equipment Trade-In: TLS 250 Monitor	-\$500.00	-\$500.00
	Less Equipment Trade-In: 1 Level Probe	-\$200.00	-\$200.00
	Total Equipment Cost	\$6,032.00	\$6,535.00
	Total Emergency Command Center Site Cost	\$8,448.00	\$10,735.00
	Veeder Root Inform Software, Part # 848940-006	\$1,021.00	Not Given
GRAND TOTAL FOR ALL SITES		\$167,820.80	\$222,770.00