

RESOLUTION #08-1201-07:

Whereas, the Liberty Township Fire, Parks, Roads and administrative operations have coordinated efforts to study and analyze the compliance, market conditions and costs related to fuel systems and existing issues in our operations, and

Whereas, the staff is recommending a combined state purchasing program purchase with the fire department purchase a compliant fuel tank as identified in the attached quotes and accompanying presentation to address the 2005 State Fire Marshall violation , needed changes in the operations and improved record keeping and accountability procedures.

NOW, THEREFORE BE IT RESOLVED BY THE BOARD OF TRUSTEES OF LIBERTY TOWNSHIP, DELAWARE COUNTY, OHIO: hereby approves the attached quote for purchasing of the goods and services from the State of Ohio Cooperative Purchasing program with the fuel tank to be purchased by the fire department pursuant to the ORC 505.37 provision subject to approval by the County Prosecutor's office and funding to be primarily from the fire department with cost sharing or reimbursements from the other funds on a pro rata usage basis total cost not to exceed \$109,066.31.

Motion made by Mann and seconded by Sybert.

Vote: NP Ms. Guzzo yes Mr. Mann yes Mr. Sybert

This Resolution shall be in force and become effective immediately upon its execution, and approval by the county Prosecutor's Office.

12-1-08
Date

Curtis J. Sybert
Curtis J. Sybert, Trustee

Robert Mann
Robert Mann, Trustee

CERTIFIED BY: Peggy Guzzo, Trustee

Mark S. Gerber
Mark S. Gerber, Fiscal Officer



S. M. MILLER CONSTRUCTION INC.
5755 Beatty Road
Grove City, Ohio 43123
614 875-0201 fax 875-4058

October 15, 2008

Liberty Township Fire Dept
7761 N. Liberty Road
Powell, Ohio

Attn: Capt. Jim Reardon
Re: Fuel tanks

We purpose to provide all labor, materials, equipment, and supervision to complete to following scope of work:

7761 Liberty Road

Permitting for tank removal and installation	\$875.00
Engineering for installation (plot plan by owner)	\$2,500.00
Install tank foundations	\$3,300.00
Install 6" steel protection post around tank (23)	\$4,380.00
Electrical to operate system and card reader system	\$8,400.00
Set tank, test, and plumbing	\$3,600.00
Load, transport, and unload existing 2 tanks	\$2,760.00
Repair concrete surface of 1 tank	\$660.00

Liberty Township Park

Permitting for tank installation	\$875.00
Engineering for installation (plot plan by owner)	\$2,500.00
Install tank foundations	\$3,300.00
Install 6" steel protection post around tank	\$3,850.00
Electrical to operate system and card reader system	\$5,880.00

Liberty Township Fire Dept

Plumb items on existing tank	\$650.00
Total project cost	<u>\$43,530.00</u>

Note:

- All tanks and equipment to be provided by others
- Fencing around tanks to be by others
- Final cover between tank and fence by others (gravel, asphalt, concrete, or grass)
- Pricing good for 30 days

This estimate does not reflect any sales tax in the price quoted. If sales tax is applicable, an amount will appear as a separate cost item. If the estimate is for an exempt project, then an exemption certificate is required to be on file with SMMCO before the project starts.

Respectively
Thomas L. Schultz

Customer Acceptance

Inspection Results

Compliance Non Compliance
30 Days to Comply

Division of State Fire Marshal
Code Enforcement Bureau
 6606 Tussing Road
 Reynoldsburg, Ohio 43068
 614-728-5460

Facility I.D. # 98-21-0026
 County Belmont
 Fire Department Liberty F.D.

Recommended Action (if necessary)

- | | | |
|--|---|---|
| <input type="checkbox"/> Issue Notice of Violation | <input type="checkbox"/> Annual | <input type="checkbox"/> State Facility |
| <input type="checkbox"/> Issue Fire Marshal Citation 41 | <input checked="" type="checkbox"/> Complaint | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Issue Fire Marshal Citation 42 | <input type="checkbox"/> One Time Inspection | <input type="checkbox"/> Fire Equip. Test |
| <input type="checkbox"/> Issue Notice of Opportunity for Hearing | <input type="checkbox"/> Permit No. _____ | <input type="checkbox"/> Call for Final-Not Ready |

Fire Safety Inspection Report

Property Name <u>Liberty Twp. Fire Dept</u>		Telephone <u>740-881-4467</u>	
Address/City/Zip <u>7761 Liberty Rd</u>		Contact Person	
Responsible Party <u>Chief Bernans</u>		Telephone	
Date <u>9 MAY 05</u>	Time Arrived	Time Departed	Building No.
Specific Property Use <u>AST</u>	OBC Use Groups	Number of Stories	Total Floor Area/Sq. Ft.
Maximum Occupant Load	Number of Exits	Year of Construction/Renovation	
Portable Fire Extinguishers Operational: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> None		Date of Last Inspection	
Inspected by		Certification No.	
Special Hazard System Type: <input type="checkbox"/> Dry Chemical <input type="checkbox"/> Wet Chemical <input type="checkbox"/> Other _____		Date of Last Inspection	
Operational: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> None		Certification No.	
Inspected by		Date of Last Inspection	
Sprinkler System Type: <input type="checkbox"/> Limited Area <input type="checkbox"/> 13-Wet <input type="checkbox"/> 13 Dry <input type="checkbox"/> 13 Preaction <input type="checkbox"/> 13 Deluge <input type="checkbox"/> 13D <input type="checkbox"/> 13R		Date of Last Inspection	
Operational: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> None		Certification No.	
Inspected by		Date of Last Inspection	
Static Pressure <input type="checkbox"/> Gauge <input type="checkbox"/> Tag <input type="checkbox"/> Report	Residual Pressure <input type="checkbox"/> Gauge <input type="checkbox"/> Tag <input type="checkbox"/> Report	Air Pressure <input type="checkbox"/> Gauge <input type="checkbox"/> Tag <input type="checkbox"/> Report	
Trip Test Date Tripped _____	Inspector Test <input type="checkbox"/> Activated at Inspection <input type="checkbox"/> Report	Standpipe _____ date last tested	
_____ seconds for water to outlet	_____ seconds to alarm	Fire Pump _____ date last tested	
Fire Alarm System Type: <input type="checkbox"/> Manual <input type="checkbox"/> Automatic Detection		Date of Last Inspection	
Operational: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> None		Certification No.	
Inspected by		Date of Last Inspection	
Single Station Smoke Detectors Type: <input type="checkbox"/> Battery <input type="checkbox"/> Electric		Operational: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> None	
Inspected Weekly/Monthly <input type="checkbox"/> Yes <input type="checkbox"/> No		Certification No.	
Fire Drills Documentation Available: <input type="checkbox"/> Yes <input type="checkbox"/> No		Conducted in Accordance with OFC <input type="checkbox"/> Yes <input type="checkbox"/> No	
Tornado Safety Documentation Available: <input type="checkbox"/> Yes <input type="checkbox"/> No		Conducted in Accordance with OFC <input type="checkbox"/> Yes <input type="checkbox"/> No	
Remarks/Violations <u>Complaint on Tanks AT Fire Department. No Fence Add Emergency Stop</u> <u>20 To 100' Away From System Fence 10' Away Can Request Ladders To 3' 6'</u> <u>High Chain With Fence.</u>			
No Violations Noted at Time of Insp Accompanied by: <u>Lynn French</u> <input type="checkbox"/> Continuation Sheet Attached			

Owner/Occupant Signature: _____ Date: 5-9-05
 Inspector: [Signature] Date: 9 MAY Certification No. 002052
 Supervisor: _____ Date: _____

505.37 Fire protection services.

(A) The board of township trustees may establish all necessary rules to guard against the occurrence of fires and to protect the property and lives of the citizens against damage and accidents, and may, with the approval of the specifications by the prosecuting attorney or, if the township has adopted limited home rule government under Chapter 504. of the Revised Code, with the approval of the specifications by the township's law director, purchase, lease, lease with an option to purchase, or otherwise provide any fire apparatus, mechanical resuscitators, or other equipment, appliances, materials, fire hydrants, and water supply for fire-fighting purposes that seems advisable to the board. The board shall provide for the care and maintenance of fire equipment, and, for these purposes, may purchase, lease, lease with an option to purchase, or construct and maintain necessary buildings, and it may establish and maintain lines of fire-alarm communications within the limits of the township. The board may employ one or more persons to maintain and operate fire-fighting equipment, or it may enter into an agreement with a volunteer fire company for the use and operation of fire-fighting equipment. The board may compensate the members of a volunteer fire company on any basis and in any amount that it considers equitable.

★ When the estimated cost to purchase fire apparatus, mechanical resuscitators, other equipment, appliances, materials, fire hydrants, buildings, or fire-alarm communications equipment or services exceeds fifty thousand dollars, the contract shall be let by competitive bidding. When competitive bidding is required, the board shall advertise once a week for not less than two consecutive weeks in a newspaper of general circulation within the township. The board may also cause notice to be inserted in trade papers or other publications designated by it or to be distributed by electronic means, including posting the notice on the board's internet web site. If the board posts the notice on its web site, it may eliminate the second notice otherwise required to be published in a newspaper of general circulation within the township, provided that the first notice published in such newspaper meets all of the following requirements:

- (1) It is published at least two weeks before the opening of bids.
- (2) It includes a statement that the notice is posted on the board's internet web site.
- (3) It includes the internet address of the board's internet web site.
- (4) It includes instructions describing how the notice may be accessed on the board's internet web site.

The advertisement shall include the time, date, and place where the clerk of the township, or the clerk's designee, will read bids publicly. The time, date, and place of bid openings may be extended to a later date by the board of township trustees, provided that written or oral notice of the change shall be given to all persons who have received or requested specifications not later than ninety-six hours prior to the original time and date fixed for the opening. The board may reject all the bids or accept the lowest and best bid, provided that the successful bidder meets the requirements of section 153.54 of the Revised Code when the contract is for the construction, demolition, alteration, repair, or reconstruction of an improvement.

(B) The boards of township trustees of any two or more townships, or the legislative authorities of any two or more political subdivisions, or any combination of these, may, through joint action, unite in the

LIBERTY TOWNSHIP

FUEL TANK

PROPOSAL

Prepared by John Bernans

06/17/2005

HISTORY

On 05/14/2005, Chief John Bernans received a citation from the Ohio State Fire Marshal's office that the fuel pumps located at 7761 Liberty Road were not in compliance with current fire codes. By fire codes, I am referring to The State of Ohio, not Liberty Township's.

CITATION

According to OSFM's citation and current fire codes, the fuel tanks have the following deficiencies:

- Security Fence. The fuel tanks must be protected by a fence.
- Emergency Shut-off. There must be a "E-Stop" located at least 25 feet but not more than 100 feet away from fuel tanks.

IMMEDIATE REMEDY

We have received two proposals for an immediate solution to our current violations as cited by the State Fire Marshal's Office.

McWherter's Petroleum: \$9,922.15

Advanced Fuel Systems: \$7,429.00

Under my direction, Inspector Reardon has met with these two companies to find a reasonable solution to our problems. At this time, I feel both companies would do a fine job of upgrading our fuel system. Currently, McWherter's Petroleum is our supplier of diesel and gasoline, and Advanced Fuel Systems is a state of the art company that provides fuel systems for numerous government agencies who need strict accountability of their fuel use. I think if we are going to budget to upgrade our fuel within the next few years we might think about going with the company who is going to perform the upgrade.

The above pricing does not include a fence that will surround the fuel tanks. I have had discussions with Mr. Walkup and FF Sean Worley who would be willing to work together to erect a solid cedar fence (similar to the one on the south end of our property) and save the township some money. Our current price for installing the fence ourselves would be, \$3,000.00 (Chief, this may not be correct; I'm still working on it.)

FUTURE SOLUTIONS

Under the direction of Chief Bernans, Inspector Reardon has met with 4 companies that deal with above ground fuel tanks to get prices on correcting the issues. While investigating possible solutions, I have also advised Reardon to inquire about a computer based system that will keep an accurate account of our fuel use. Inspector Reardon has made sure that all of the quotes contain the same work to be done. The following are the prices gathered from 2 of the companies who have responded:

Build-Mor:

\$20,500.00

Advanced Fuel Systems, Inc:

\$21691.00

FUTURE RECOMMENDATION

It is my Recommendation to contract with Advanced Fuel Systems, Inc. for the following reasons:

- Company has provided a very detailed Quote.
- Company was very helpful in offering different solutions to our problems.
- Company is the only company who recommended a "FuelMaster" access control system.
 - FuelMaster system offers a Prokee. Prokee stores all vehicle information, from when next oil change is due to the type of light bulbs used in vehicle. All of the information is stored on the key itself, freeing up a tremendous amount of space on our computer system. In the event a Prokee is lost or damaged, all that is required is a new key and all of the information that is backed up in computers is downloaded to the new Prokee.
 - The FuelMaster system also offers 24 hour technical support through a phone line that is plugged into our fuel box. In the event a problem occurs with our FuelMaster computer, the technical support division will dial into our panel and correct the problem. In the event that technical support can not fix the problem, a manual override switch is provided.
 - The FuelMaster System will allow a department employee to download an exact report for amount of fuel used. This can be done as frequently as necessary. The program is also capable also email appropriate personnel when preventative maintenance is due.

OTHER OPTIONS

- Purchase a new 3000 gallon fuel tank for FS321. Fuel Company will provide a credit for the road dept. tank. The old fire tank can be moved to the park for mower and vehicle use. The reason for adding a fuel tank at the park is SAFETY. According to numbers provide by Andy Curmode, during peak mowing season (April-November) the park averages 100 gallons of diesel and 50 gallons of gasoline per week. These numbers equate to 165 trips to the fire station and moving 1,056 (5 gallon) cans of fuel in the back of a pickup truck. These numbers do not include fuel used in their trucks and small equipment.
-

Chief's Notes:

Where should we go from here with the fuel research?

New Position, and replacement if Reardon?

New Vehicles. Current prevention vehicle has serious rust problem, and parts are falling off. Give prevention Taurus, and purchase 2 Ford Explorers (One for Chief and one for new position).

Fuel Tank INFO

Fence: Work to be completed by FF Worley and LT Road Dept.

- Solid Wood Fence w/ (3) 4 foot gates.
- Cost not to exceed \$3,000.00

Fuel Tank: Work to be completed by Advanced Fuel Systems, Inc.

- See quotation for details of work to be completed.
- Work will bring Liberty Twp. in compliance with state regulations.
- Cost: 7,429.00

Future fuel tank updates:

I will be scheduling a meeting between Advanced Fuel Systems, Chief John Bernans, John Walkup, and Andy Curmode, to discuss updating our fuel reporting system. The current estimate for the upgrade is \$20,000 - \$30,000. The upgrade will include the following.

1. 1 – 3000 gallon fuel tank (2,500 gal. diesel, and 500 gal. of gasoline). This tank will replace the 2 tanks that currently sit on fire station property.
2. Moving current fire dept. fuel tank (500 gal. of diesel, and 500 gal. of gasoline) to park property.
3. The current road dept. tank will be turn in for a credit.
4. Installation of a FuelMaster recording system. This system will be tied into the townships server so at any time we can ask for a report on the amount of fuel used. When employees are fueling vehicles, they will insert a key fob into the computer at the pump; enter their ID and other information for the program. This program will also keep track of services and PM that is required to keep our vehicles safe and efficient. If a problem arises with the system, the FuelMaster Tech Support can link right to the system and resolve any problems with the pumps. This fuel system is currently being used by my large municipalities as well as the federal government and armed forces.

Advanced Fuel Systems, Inc

PO Box 89
 Reynoldsburg, Ohio 43068
 (614)252-8422 fax (614)252-2229
steve@advfuel.com

Quotation

Number:	E6101
Date:	June 28, 2005

Bill to: Liberty Township Fire Department
 Attn: Jim Reardon
 10150 Sawmill Parkway
 Powell, OH 43065

Ship to:

Quoted by: Steve Thickstun

Terms	Delivery Time	FOB	Project	
net - 10		Powell, OH	Fuel storage improvements	
Item #	Description	Qty	Price Each	Total
1	Pressure vacuum vent for gasoline storage tank. Required with vapor recovery system.	1	\$73.00	\$73.00
2	Emergency stop control, mushroom type, with warning sign. Installed on building not closer than 15 feet nor further than 100 feet from dispensing. Includes excavation to catch existing conduit, new conduit and wiring as required for Tank Alerts and tank moves within 10 feet.	1	\$2,825.00	\$2,825.00
3	Overspill containment chamber with fittings and drain for above ground tank. Not less than 3-gallon capacity. Installed on tank fill. Catches and contains spills from tank filling hose.	2	\$248.00	\$496.00
4	Overfill limiter, Guillotine type, for above ground fuel storage tank. Prevents tank overfilling by stopping flow at 95% of tank capacity. Installed in tank fill.	2	\$440.00	\$880.00
5	Tank Alert TB-101XT-HL high level alarm with light and horn. Includes silence control, test control, and automatic reset. 115VAC. Includes sensor.	2	\$275.00	\$550.00
6	Move double LubeCube tank and single tank approx 10 feet and furnish and install new electrical conduit and wiring for both tanks.	1	\$2,230.00	\$2,230.00
7	Permit for tank installation and upgrade and two inspections by State of Ohio Division of Industrial Compliance.	1	\$375.00	\$375.00
Subtotal				\$7,429.00
Tax			0.00	0.00
Total Quotation				\$7,429.00

Please provide a tax exemption certificate if tax exempt

This quotation does NOT include sales taxes

FIRE
ROAD
ZONING

\$43,375.50 TOTAL

Advanced Fuel Systems, Inc

Quotation

PO Box 89
Reynoldsburg, Ohio 43068
(614)252-8422 fax (614)252-2229
steve@advfuel.com

Number:	E6491
Date:	March 15, 2006

Bill to: Liberty Township Fire Department
Attn: Jim Reardon
10150 Sawmill Parkway
Powell, OH 43065

Ship to: same

Quoted by: Steve Thickstun

Terms	Delivery Time	FOB	Project	
Net 10	8 weeks ARO	Columbus, OH	Fuel Management	
Item #	Description	Qty	Price Each	Total
1	Convault Double Tank D2000/1000 2000 gallon and 1000 gallon capacity in a single UL-2085 vault. 30 year warranty with natural aggregate 30-year finish. Includes spill containment. Meets Ohio 2005 fire code.	1	\$23,200.00	\$23,200.00
2	PKG15DOL accessory package with pump, meter, hose, nozzle, emergency and atmospheric vents, tank gauge, decals and markings.	2	\$1,610.00	\$3,220.00
3	Guillotine automatic overfill limiter. Prevents tank overfilling. Required by Fire Code.	2	\$440.00	\$880.00
4	Tank Alert TB-101XT high level alarm set at 90%. Automatic reset. Required by Fire Code.	2	\$275.00	\$550.00
5	Convault tank shipping and unloading. Weight 40,000 pounds.	1	\$2,380.00	\$2,380.00
6	Installation of tank equipment to existing electrical service within 10 feet of tank and equipment.	1	\$2,950.00	\$2,950.00
7	Permit for tank installation from State of Ohio. Local electrical and other permits not included. Includes allowance for paying for three State inspections.	1	\$410.00	\$410.00
Note 1	Concrete for tank base not included. Bollards are not normally required for a Convault and are not included. Electrical beyond 10 feet not included. Permit for AST only included in installation price.			
1	Fuelmaster Fuel Management System Island reader for Prokees. Includes 2 hose controllers, internal modem, manual over-ride controls. Mounts near dispensers.	1	\$5,369.00	\$5,369.00
3	Fuelmaster Windows software for Windows 98SE or higher	1	\$1,595.00	\$1,595.00
4	Prokee encoder to encode data on electronic Prokees. Attaches to your PC.	1	\$450.00	\$450.00
5	Fuelmaster encodeable Prokees (please select desired colors; black, red, white, blue, green)	50	\$4.75	\$237.50
6	Furnish and install pulsers in fuel dispensers to send signal to Fuelmaster	2	\$242.00	\$484.00
	Fuelmaster Installation on site includes conduit and			

7	Demaster installation on site, includes conduit and wiring, software installation and basic operator training.	1	\$1,650.00	\$1,650.00
Note 2	This system requires a telephone line at the fueling island and the use of a PC with Windows 98 or higher to access the system. The PC must be able to initiate a modem-based phone call. Phone service and PC not included. Phone and PC not dedicated.			
Subtotal				\$43,375.50
Sales Tax			0.00	0.00
Total Quotation				\$43,375.50

Please provide a tax exemption certificate if tax exempt

This quotation does NOT include sales taxes

Advanced Fuel Systems, Inc

PO Box 89

Reynoldsburg, Ohio 43068

(614)252-8422 fax (614)252-2229

steve@advfuel.com

Quotation

Number:	E6492
Date:	March 15, 2006

Bill to: Liberty Township Fire Department
 Attn: Jim Reardon
 10150 Sawmill Parkway
 Powell, OH 43065

Ship to: second location as needed
 Based on sharing software and encoder
 with the other location
 Quoted by: Steve Thickstun

Terms	Delivery Time	FOB	Project	
Net 10	8 weeks ARO	Columbus, OH	Fuel Management	
Item #	Description	Qty	Price Each	Total
1	Fuelmaster Master Unit (island mounted) for Prokees with two hose control, modem, internal surge protection.	1	\$5,369.00	\$5,369.00
2	Hose controller for each hose over two	2	\$195.00	\$390.00
3	Furnish and install pulsers in fuel dispensers to send signal to Fuelmaster	4	\$242.00	\$968.00
4	Installation on site, includes conduit and wiring, software installation and basic operator training.	1	\$1,650.00	\$1,650.00
5	This system requires a telephone line at the fueling island and the use of a PC with Windows 98 or higher to access the system. The PC must be able to initiate a modem-based phone call. Phone service and PC not included. Phone and PC not dedicated.			
Subtotal				\$8,377.00
Sales Tax			0.00	0.00
Total Quotation				\$8,377.00

Please provide a tax exemption certificate if tax exempt

This quotation does NOT include sales taxes

PARKS
 \$15,854 TOTAL

Advanced Fuel Systems, Inc

PO Box 89

Reynoldsburg, Ohio 43068

(614)252-8422 fax (614)252-2229

steve@advfuel.com

Quotation

Number:	E6494
Date:	March 15, 2006

Bill to: Liberty Township Fire Department
 Attn: Jim Reardon
 10150 Sawmill Parkway
 Powell, OH 43065

Ship to:

 Quoted by: Steve Thickstun

Terms	Delivery Time	FOB	Project	
net - 10		Powell, OH	Fuel storage improvements	
Item #	Description	Qty	Price Each	Total
1	Pressure vacuum vent for gasoline storage tank. Required with vapor recovery system.	1	\$73.00	\$73.00
2	Emergency stop control, mushroom type, with warning sign. Installed on building not closer than 15 feet nor further than 100 feet from dispensing. Includes excavation to catch existing conduit, new conduit and wiring as required for Tank Alerts and tank moves within 10 feet.	1	\$2,825.00	\$2,825.00
3	Overspill containment chamber with fittings and drain for above ground tank. Not less than 3-gallon capacity. Installed on tank fill. Catches and contains spills from tank filling hose.	2	\$272.00	\$544.00
4	Overfill limiter, Guillotine type, for above ground fuel storage tank. Prevents tank overfilling by stopping flow at 95% of tank capacity. Installed in tank fill.	2	\$440.00	\$880.00
5	Tank Alert TB-101XT-HL high level alarm with light and horn. Includes silence control, test control, and automatic reset. 115VAC. Includes sensor.	2	\$275.00	\$550.00
6	Move double LubeCube tank and single tank approx 10 feet and furnish and install new electrical conduit and wiring for both tanks.	1	\$2,230.00	\$2,230.00
7	Permit for tank installation and upgrade and two inspections by State of Ohio Division of Industrial Compliance.	1	\$375.00	\$375.00

Please provide a tax exemption certificate if tax exempt

This quotation does NOT include sales taxes

Subtotal		\$7,477.00
Tax	0.00	0.00
Total Quotation		\$7,477.00