



ST. CHARLES
SINCE 1834

AGENDA ITEM EXECUTIVE SUMMARY

Title:	Recommendation to Award Valve Operating and Leak Survey Services
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Presenter:	John Lamb
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Please check appropriate box:

	Government Operations	X	Government Services 02.25.13
	Planning & Development		City Council

Estimated Cost:		Budgeted:	YES	X	NO	
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If NO, please explain how item will be funded:

Executive Summary:

The Water Division conducts a valve operating program and a leak detection and location survey on an annual basis. The valve operating program involves the exercising and maintenance of the 3,300 valves in the distribution system. A leak detection survey is conducted to determine number and size of leaks in the system to identify unaccounted water loss. They also respond to main break situations when a break cannot be located.

Both of these services are performed by outside contractors, due to time factors and equipment involved. In the past these services were contracted separately and were three-year service agreements. This year staff combined the two services into one request for proposal in an effort to possibly reduce costs of the programs. The result of combining contracts is saving approximately \$7,500 over three years with the valve program and holding costs on leak survey. There is also savings in staff administrative costs due to issuing only one RFP and administering one less contract through the year.

Staff sent out a request for proposals and received three proposals in response. After review of proposals, staff recommends awarding a three-year service agreement to Associated Technical Services (ATS) in the amount of \$207,514.08. Staff checked references on both ATS and Wachs and found more favorable responses for ATS. Staff currently has a positive working relationship with ATS.

Attachments: *(please list)*

Resolution Authorizing Mayor and Clerk to Execute.
Summary of vendor proposals and costs

Recommendation / Suggested Action *(briefly explain):*

Recommend approval to award a three-year service agreement in the amount of \$207,514.08 to Associated Technical Services and a Resolution authorizing the Mayor and City Clerk to execute same.

For office use only

Agenda Item Number: 7.e

Water Division combination Valve Operating and Leak Survey proposal review

Quote Received from:	Leak Survey Cost			Valve Operating	Yearly Total	Running Total
Associated Technical Services	Year One	\$ 19,863.36		\$ 46,960.00	\$ 66,823.36	\$ 66,823.36
	Year Two	\$ 19,863.36		\$ 49,308.00	\$ 69,171.36	\$ 135,994.72
	Year Three	\$ 19,863.36		\$ 51,656.00	\$ 71,519.36	\$ 207,514.08
Wachs Water Services	Year One	\$ 23,548.31		\$ 44,025.00	\$ 67,573.31	\$ 67,573.31
	Year Two	\$ 24,060.00		\$ 44,612.00	\$ 68,672.00	\$ 136,245.31
	Year Three	\$ 24,572.00		\$ 45,199.00	\$ 69,771.00	\$ 206,016.31
M. E. Simpson Co.	Year One	\$ 25,080.00		\$ 44,612.00	\$ 69,692.00	\$ 69,692.00
	Year Two	\$ 25,080.00		\$ 45,786.00	\$ 70,866.00	\$ 140,558.00
	Year Three	\$ 25,080.00		\$ 46,960.00	\$ 72,040.00	\$ 212,598.00



**ASSOCIATED TECHNICAL
SERVICES LTD.**
Est. 1979

**2013 - 2015
Combined Valve Operating
and Leak Location Survey**

for the

City of St Charles

Submitted January 25, 2013

ASSOCIATED TECHNICAL SERVICES LTD.

524 W. Saint Charles Road, Villa Park, IL 60181

www.ATSLimited.com

Professional Technical Services

Leak Surveys • Leak Pinpointing • Utility Location • Hydrant Flow Testing • Water Main Flushing
Valve Assessment Programs • GPS-GIS Mapping Surveys • Location Equipment Sales and Expert Training

24-Hour Hot Line: (630) 834-1558 • E-Mail: info@ATSLimited.com

Year 1

Item	Estimated Quantity	Unit Cost	Total
Leak survey	1203840' (228 miles)	\$ 0.0165	\$ 19,863.36
Valve Exercising	1174	\$ 40	\$ 46,960.00
TOTAL:			\$ 66,823.36

Unit cost for correlated leaks:

Main Line	\$ 325	
Hydrant	\$ 95	
Service Line	\$ 325	
Valve	\$ 95	
Additional Category	\$ _____	Specify _____

Year 2

Item	Estimated Quantity	Unit Cost	Total
Leak survey	1203840' (228 miles)	\$ 0.0165	\$ 19,863.36
Valve Exercising	1174	\$ 42	\$ 49,308.00
TOTAL:			\$ 69,171.36

Unit cost for correlated leaks:

Main Line	\$ 325	
Hydrant	\$ 95	
Service Line	\$ 325	
Valve	\$ 95	
Additional Category	\$ _____	Specify _____

Year 3

Item	Estimated Quantity	Unit Cost	Total
Leak survey	1203840' (228 miles)	\$ 0.0165	\$ 19,863.36
Valve Exercising	1174	\$ 44	\$ 51,656.00
TOTAL:			\$ 71,519.36

Unit cost for correlated leaks:

Main Line	\$ <u>325</u>
Hydrant	\$ <u>95</u>
Service Line	\$ <u>325</u>
Valve	\$ <u>95</u>
Additional Category	\$ _____

Specify _____

City of St. Charles

Valve Operating and Leak Detection & Location Survey

Due: January 25, 2013



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Year 1

Leak survey	1203840' (228 miles)	\$ 0.019561	\$ 23,548.31
Valve Exercising	1174	\$ 37.50	\$ 44,025.00
TOTAL:			\$ 67,573.31

Unit cost for correlated leaks:

Main Line	\$ 245.00
Hydrant	\$ 85.00
Service Line	\$ 245.00
Valve	\$ 85.00
Additional Category	\$ _____

Specify _____

Year 2

Leak survey	1203840' (228 miles)	\$ 0.019986	\$ 24,060.00
Valve Exercising	1174	\$ 38.00	\$ 44,612.00
TOTAL:			\$ 68,672.00

Unit cost for correlated leaks:

Main Line	\$ 250.00
Hydrant	\$ 90.00
Service Line	\$ 250.00
Valve	\$ 90.00
Additional Category	\$ _____

Specify _____

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Year 3

Leak survey	1203840' (228 miles)	\$ 0.020411	\$ 24,572.00
Valve Exercising	1174	\$ 38.50	\$ 45,199.00
TOTAL:			\$ 69,771.00

Unit cost for correlated leaks:

Main Line	\$ 250.00
Hydrant	\$ 90.00
Service Line	\$ 250.00
Valve	\$ 90.00
Additional Category	\$ _____

Specify _____

M.E. **SIMPSON** Co., Inc.

www.mesimpson.com

3406 Enterprise Avenue
Valparaiso, IN 46383

Phone: (800) 255-1521
Fax: (888) 531-2444

January 24, 2013

Mr. Mike Shortall
Purchasing Office
City of St. Charles
2 E. Main Street
St. Charles, Illinois 60174

Dear Mr. Shortall,

M.E. Simpson Co., Inc. is pleased to present our response to the request for proposals, for "**Leak Detection and Location Survey and Valve Exercising**" for the City of St. Charles, Illinois.

M.E. Simpson Co., Inc. is a **Technical Services** firm dedicated to developing and providing programs and services designed to maximize peak performance for our clients' water distribution and wastewater collection systems. Many of these programs are universally recognized as a part of "Best Management Practices" (BMP's) for utilities. We provide our clients the highest quality Technical and Professional Services, with highly skilled and trained professionals using state-of-the art technologies.

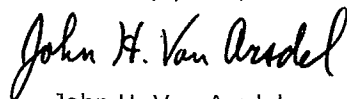
These services were developed and refined to provide Utilities with programs that can be customized to meet their needs. From complete "Turn-Key" services to assisting with the development of "In-House" programs utilized by a utility, M.E. Simpson Co., Inc. provides our services to our clients knowing that the public has the implicit faith that *"the water is always safe to drink"*.

This **Proposal** is being submitted as follows:

- ◆ **Required Documents**
- ◆ **Firm History**
- ◆ **Related Project Experience, References**
- ◆ **Employee Qualifications, Project Staffing**
- ◆ **Project Understanding and Approach**
- ◆ **Scope of Services, Proposed Schedule**
- ◆ **Proposal Fee**
- ◆ **Leak Survey & Valve Report Example**

We thank you for your consideration and this opportunity to acquaint you with our **Leak Detection and Location Survey & Valve Exercising Services** and offer this proposal. If there are any inquiries regarding this proposal, please do not hesitate to contact us. We look forward to hearing from you soon.

Sincerely yours,



John H. Van Arsdel
Vice President
JHV/jph

PROPOSAL FEE

January 24, 2013

M.E. Simpson Co., Inc. is pleased to present our "Cost Proposal" for Leak Detection and Valve Exercising Services for the **City of St. Charles, Illinois**. The leak survey program will be conducted on approximately **228** miles of pipe per year and **1,174** valves exercised per year in the Utility's water distribution systems. M.E. Simpson Co., Inc. will perform this leak survey with one or two of our two-man teams, with all necessary equipment, described within this document, furnished by M.E. Simpson Co., Inc. All procedures will be followed as described within this document. All travel, lodging and meals are included in the proposal price.

2013

Item	Estimated Qty.	Unit Cost	Total
Leak Survey	228 miles	\$110.00	\$25,080.00
Valve Exercising	1,174	\$38.00	\$44,612.00
Total			\$69,692.00

Unit Cost for Correlated Leaks:
 Main Line: \$275.00 each
 Hydrant: \$100.00 each
 Service Line: \$275.00 each
 Valve: \$100.00 each
 Additional Category: \$275.00 each

2014

Item	Estimated Qty.	Unit Cost	Total
Leak Survey	228 miles	\$110.00	\$25,080.00
Valve Exercising	1,174	\$39.00	\$70,866.00
Total			\$70,866.00

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Unit Cost for Correlated Leaks:
 Main Line: \$275.00 each
 Hydrant: \$100.00 each
 Service Line: \$275.00 each
 Valve: \$100.00 each
 Additional Category: \$275.00 each

2015

Item	Estimated Qty.	Unit Cost	Total
Leak Survey	228 miles	\$110.00	\$25,080.00
Valve Exercising.	1,174	\$40.00	\$46,960.00
Total			\$72,040.00

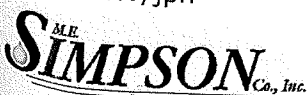
Unit Cost for Correlated Leaks:
 Main Line: \$275.00 each
 Hydrant: \$100.00 each
 Service Line: \$275.00 each
 Valve: \$100.00 each
 Additional Category: \$275.00 each

We thank you for this opportunity to acquaint you with our Leak Detection Services and offer this proposal. If you have further inquiries or you wish to discuss our service in more detail, do not hesitate to call us.

Sincerely Yours,

John H. Van Arsdel

John H. Van Arsdel
 Vice President
 JHV/jph



Valve Operating and Leak Detection & Location Survey –
 City of St. Charles, Illinois

