

**VILLAGE OF LOMBARD**  
**REQUEST FOR BOARD OF TRUSTEES ACTION**  
For Inclusion on Board Agenda

    X     Resolution or Ordinance (Blue) \_\_\_\_\_ Waiver of First Requested  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Recommendations of Boards, Commissions & Committees (Green)  
Other Business (Pink)

**TO:** PRESIDENT AND BOARD OF TRUSTEES

**FROM:** David A. Hulseberg, Village Manager

**DATE:** August 8, 2012 (COW) (B of T) **Date:** August 23, 2012

**TITLE:** Yorktown Water Main at Buca Di Beppo  
Design Engineering

**SUBMITTED BY:** David A. Dratnol, P.E., Village Engineer

**BACKGROUND/POLICY IMPLICATIONS:**

Design Engineering services for a project that will assist in alleviating water main breaks at a high traffic area within the Yorktown Mall complex that effects traffic in the northbound lanes of Highland Avenue.

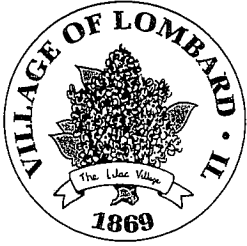
**FISCAL IMPACT/FUNDING SOURCE:**

Total Contract Amount: \$31,731.00  
Funding: Water/Sewer Capital Reserve  
Account#: 7901.809425  
PW Project Number: WA -12B-01  
HTE Project Number: 1226

Review (as necessary):

Village Attorney X _____	Date _____
Finance Director X _____	Date _____
Village Manager X _____	Date _____

**NOTE:** All materials must be submitted to and approved by the Village Manager's Office by 12:00 noon, Wednesday, prior to the Agenda Distribution.



To: David Hulseberg, Village Manager  
Through: Carl Goldsmith, Director of Public Works  
From: David A. Dratnol, P.E., Village Engineer  
Date: August 8, 2012  
Subject: Yorktown Water Main at Buca Di Beppo  
Design Engineering

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Attached please find a contract, resolution and fee schedule for design engineering services for the Yorktown Water Main at Buca Di Beppo, located in the northeast intersection of Highland Avenue and Butterfield Road.

The purpose of the project is to design a replacement water main to service the Buca Di Beppo restaurant at Yorktown Mall. When the Yorktown water main replacement project was designed (2004), this segment of water main was left in place as the existing water main had no significant break history and would have been extremely difficult to replace within the existing easements in the vicinity of the north east corner of the Highland and Butterfield intersection. The right-of way on the east side of the Highland Avenue and the north side of Butterfield Road are severely congested with other public utilities. The existing water main has broken twice since 2005. Assessment by the Underground Utility Division and the Engineering Divisions has determined that the utility needs to be replaced to prevent additional significant service interruptions in the future. Without replacement, breaks will start to occur more frequently.

To accomplish installation of a new water main, the Engineering Division sent Requests for Proposal (RFP) to the two new firms (Thomas Engineering Group and Engineering Enterprises) on the Design Engineering Short List. Neither firm has performed any previous design work for the Village. The intent of sending the RFP to those two firms was to see how they perform on a relatively smaller but involved project.

Engineering Enterprises of Sugar Grove was selected as the most qualified firm by the in-house three person selection committee. The scope of work includes collecting field data, preparing a brief report on a preferred new location for the replacement water main, working with Engineering staff and the Mall management on a mutually agreeable location, securing the necessary easement, and preparing the construction documents.

The scope and fee were negotiated and agreed to by both parties. The not-to-exceed fee for design engineering services is \$31,731.00. The current CIP Design Budget is \$12,000. The resident engineering budget is programmed for \$15,000. Resident engineering will be performed by in-house staff. Therefore, \$27,000 (\$12,000 + \$15,000) is available for design engineering services.

Please present this agreement and resolution to the President and Board of Trustees for their review at their regular meeting of August 23, 2012. If approved, please return one original signed copy to Public Works-Engineering for further processing.

DAD/rgs

cc: File: WA-12B-01

# VILLAGE OF LOMBARD

## CONTRACT

### CONTRACT DOCUMENT NUMBER WA-12B-01

This agreement is made this 23rd day of August, 2012, between and shall be binding upon the Village of Lombard, an Illinois municipal Corporation hereinafter referred to as the "VILLAGE" and Engineering Enterprises hereinafter referred to as the "ENGINEER" and its successors.

Witnessed, that in consideration of the mutual promises of the parties delineated in the contract documents, the ENGINEER agrees to perform the services and the VILLAGE agrees to pay for the following services as set forth in the contract documents:

*Surveying the site, attending coordination meetings, scoping and reviewing geotechnical services reports, preparation of a preliminary design report concerning the options of locating the new water main, preparation of permanent easement and contract documents, and applying for a water main permit from the IEPA all for a not to exceed fee of \$31,731.00*

1. This contract shall embrace and include all of the applicable contract documents listed below as if attached hereto or repeated herein:
  - a) Yorktown Water Main at Buca Di Beppo Request for Proposal consisting of the following:  
Design Engineering Request for Qualifications (dated January 13, 2012) consisting of the following:
    - Cover Sheet
    - Table of Contents
    - General Provisions
    - Special Provisions
  - b) ENGINEER'S Statement of Qualifications (dated February 3, 2012)
  - c) Yorktown Water Main at Buca Di Beppo Request for Proposal (dated June 27, 2012)
  - d) Yorktown Water Main at Buca Di Beppo ENGINEER's Proposal (dated July 23, 2012)
  - e) ENGINEER'S Fee Schedule Dated August 6, 2012
  - f) Required Certificates and Signatures and Certificate of Insurance
2. The VILLAGE agrees to pay, and the ENGINEER agrees to accept as full payment for the services which are the subject matter of this contract in accordance with the General Provisions.
3. This Contract represents the entire agreement between the parties and may not be modified without the written approval of both parties.

IN WITNESS WHEREOF, the Village of Lombard, Illinois by William J. Mueller, Village President, and the ENGINEER have hereunto set their hands this 23<sup>rd</sup> day of August 2012.

If an individual or partnership, all individual names of each partner shall be signed or if a corporation, an officer duly authorized shall sign here:

\_\_\_\_\_  
Print Company Name

Accepted this \_\_\_\_\_ day of \_\_\_\_\_, 2012.

Individual or Partnership \_\_\_\_\_ Corporation \_\_\_\_\_

\_\_\_\_\_  
By

\_\_\_\_\_  
Position/Title

\_\_\_\_\_  
By

\_\_\_\_\_  
Position/Title

THE VILLAGE OF LOMBARD, ILLINOIS

Accepted this \_\_\_\_\_ day of \_\_\_\_\_, 2012.

\_\_\_\_\_  
William J. Mueller, Village President

Attest:

\_\_\_\_\_  
Brigitte O'Brien, Village Clerk

**RESOLUTION**

**R \_\_\_\_\_**

**A RESOLUTION AUTHORIZING AN AGREEMENT FOR THE YORKTOWN WATER MAIN AT BUCA DI BEPPO PROJECT**

WHEREAS, the Corporate Authorities of the Village of Lombard have received a proposed Agreement between the Village of Lombard and Engineering Enterprises regarding the Yorktown Water Main at Buca Di Beppo project as attached hereto, marked Exhibit "A" and made part hereof (the "Agreement"); and

WHEREAS, the Corporate Authorities deem it to be in the best interests of the Village of Lombard to approve said Agreement;

NOW, THEREFORE, BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF LOMBARD, DU PAGE COUNTY, ILLINOIS as follows:

**SECTION 1:** That the Agreement attached hereto as Exhibit "A" is hereby approved.

**SECTION 2:** That the Village President and the Village Clerk be and hereby are authorized and directed to execute the Agreement attached hereto as Exhibit "A", as well as any and all other documents necessary to carry out the provisions of said Agreement.

Adopted this 23rd day of August, 2012, pursuant to a roll call vote as follows:

Ayes: \_\_\_\_\_

Nays: \_\_\_\_\_

Absent: \_\_\_\_\_

Approved by me this 23rd day of August, 2012.

\_\_\_\_\_  
**William J. Mueller**  
**Village President**

ATTEST:

\_\_\_\_\_  
**Brigitte O'Brien**  
**Village Clerk**

**VILLAGE OF LOMBARD**  
**ENGINEER'S CERTIFICATION**

\_\_\_\_\_, having been first duly sworn depose and states as follows:  
(Officer or Owner of Company)

\_\_\_\_\_, having submitted a proposal for:  
(Name of Company)

Yorktown Water main at Buca Di Beppo to the Village of Lombard, hereby certifies that said ENGINEER:

1. has a written sexual harassment policy in place in full compliance with 775 ILCS 5/2-105(A) (4).
2. is not delinquent in the payment of any tax administered by the Illinois Department of Revenue, or if it is:
  - a. it is contesting its liability for the tax or the amount of tax in accordance with procedures established by the approve Revenue Act; or
  - b. it has entered into an agreement with the Department of Revenue for payment of all taxes due and is currently in compliance with that agreement.
3. is in full compliance with the Federal Highway Administration Rules on Controlled Substances and Alcohol Use and Testing, 49 CFR Parts 40 and 382 and that \_\_\_\_\_  
\* (Name of employee/driver or "all employee drivers")  
is/are currently participating in a drug and alcohol testing program pursuant to the aforementioned rules.

By: \_\_\_\_\_  
Authorized Agent of ENGINEER

Subscribed and sworn to  
before me this \_\_\_\_\_  
day of \_\_\_\_\_, 2012.

\_\_\_\_\_  
Notary Public

**ESTIMATE OF LEVEL OF EFFORT AND ASSOCIATED COST**  
**PROFESSIONAL ENGINEERING SERVICES**  
 YORKTOWN WATER MAIN AT BUCA DI BEPPO  
 VILLAGE OF LOMBARD, IL



WORK ITEM NO.	WORK ITEM	ENTITY:	ENGINEERING		SURVEYING		DRAFTING		ADMIN.	WORK ITEM HOUR SUMM.	PERCENT OF HOURS	COST PER ITEM
			PRINCIPAL IN CHARGE \$168	PROJECT MANAGER \$168	DESIGNER \$121	PROJECT MANAGER \$146	SENIOR PROJECT SURVEYOR I \$125	PROJECT TECHNICIAN \$137				
<b>PRELIMINARY ENGINEERING</b>												
1.a	Project Management, and QC/QA Reviews		2	12						14	6.0%	\$ 2,352
1.b	Conduct Site Visit		2	2	2					4	1.7%	\$ 578
1.c	Meetings and Coordination		2	12	16					30	12.8%	\$ 4,288
1.d	Project Survey			1	2	4	8			15	6.4%	\$ 2,090
1.e	Geotechnical Investigation			1	2			4		3	1.3%	\$ 410
1.f	Base Plan/Profile Sheets			2	2					6	2.5%	\$ 698
1.g	Preliminary Design Parameters			1	2					3	1.3%	\$ 410
1.h	Preliminary Utility Coordination			2	2					2	0.9%	\$ 242
1.i	Prepare Preliminary Design Report (PDR)		4	4	16				2	22	9.4%	\$ 2,764
	<b>Preliminary Engineering Subtotal:</b>		<b>4</b>	<b>33</b>	<b>44</b>	<b>4</b>	<b>3</b>	<b>4</b>	<b>2</b>	<b>99</b>	<b>42.1%</b>	<b>\$ 13,832</b>
<b>FINAL ENGINEERING</b>												
2.a	Meetings and Coordination			12	16					28	11.9%	\$ 3,952
2.b	Prepare Plans of Easement			1	1		6			8	3.4%	\$ 1,195
2.c	Contract Documents and Cost Estimates			4	20			40	2	66	28.1%	\$ 7,808
2.d	Utility Coordination				2					2	0.9%	\$ 242
2.e	Permitting				2				2	2	0.9%	\$ 242
2.f	Final Contract Documents and Cost Estimate			2	4				2	16	6.8%	\$ 1,888
2.g	Project Management and QC/QA Reviews		2	12	46				4	14	6.0%	\$ 2,552
	<b>Final Engineering Subtotal:</b>		<b>2</b>	<b>31</b>	<b>46</b>	<b>6</b>	<b>6</b>	<b>48</b>	<b>4</b>	<b>136</b>	<b>57.9%</b>	<b>\$ 17,649</b>
<b>PROFESSIONAL ENGINEERING SUBTOTAL</b>												
<b>\$ 31,481</b>												

DIRECT EXPENSES	
Printing =	\$ 250
Supplies & Misc. =	\$ -
<b>DIRECT EXPENSES =</b>	<b>\$ 250</b>

LABOR SUMMARY	
Engineering Expenses =	\$ 22,529
Surveying Expenses =	\$ 2,556
Drafting Expenses =	\$ 5,928
Administrative Expenses =	\$ 468
<b>TOTAL LABOR EXPENSES =</b>	<b>\$ 31,481</b>

TOTAL EXPENSES	
Professional Engineering Subtotal	\$ 31,481
Direct Expenses	\$ 250
<b>TOTAL PROJECT EXPENSES =</b>	<b>\$ 31,731</b>