



City of Manitowoc  
 Attn: City Clerk Jennifer Hudon  
 900 Quay Street  
 Manitowoc, WI 54220-4543

Invoice number 25096  
 Date 08/01/2016  
 Project 16032 2016 MANITOWOC  
 UNDERWATER BRIDGE INSPECTIONS  
 QO-16-2

Professional Services Rendered through 07.31.2016

	Amount
<b>2016 Manitowoc Underwater Bridge Inspections QO-16-2</b>	
Contract Amount	6,750.00
Percent Complete	100.00
Prior Billed	0.00
Total Billed	6,750.00
	Current Billed 6,750.00
	Total 6,750.00
	Invoice total <span style="border: 1px solid black; padding: 2px;">6,750.00</span>

**Aging Summary**

Invoice Number	Invoice Date	Outstanding	Current	Over 30	Over 60	Over 90	Over 120
25096	08/01/2016	6,750.00	6,750.00				
	Total	6,750.00	6,750.00	0.00	0.00	0.00	0.00

Approved by:

*A. Palmer*  
 Aaron B. Palmer  
 Vice President/Project Manager

*payment 1st final*

*O.K. to Pay*

*1100-34111-527700*

*8th St. \$1350-*

*J.J.M.*

*1100-34112-527700*

*10th St. \$1350-*

*8/8/16*

NET/30: A 1.5% per month (18% annually) late payment charge on unpaid balance after 30 days.

*1100-3420-522700*

*21st St + Broadway St. \$4050-*

" QUOTATION TABULATION "

for

UNDERWATER BRIDGE INSPECTION

CITY OF MANITOWOC      NO. QO-16-2  
 QUOTES RECEIVED FEBRUARY 3, 2016

*Recommend Award  
 to Westbrook Associated  
 Engineers, Inc.  
 JSE  
 2-4-16*

QUOTER  
 NO. 1: Westbrook Associated Engineers, Inc.      \$6,750.00  
 NO. 2: Collins Engineers, Inc.      \$6,800.00  
 NO. 3: Ayres Associates, Inc.      \$7,000.00

ITEM DESCRIPTION	UNITS	BID QUANTITY	Westbrook Associated Engineers, Inc.		Collins Engineers, Inc.		Ayres Associates, Inc.	
			UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
UNDERWATER BRIDGE INSPECTION								
1. 8TH STREET BRIDGE	L.S.	1	\$1,100.00	\$1,100.00	\$1,000.00	\$1,000.00	\$1,600.00	\$1,600.00
2. 10TH STREET BRIDGE	L.S.	1	\$1,100.00	\$1,100.00	\$1,000.00	\$1,000.00	\$1,600.00	\$1,600.00
3. 21ST STREET BRIDGE (SOUTHBOUND)	L.S.	1	\$1,100.00	\$1,100.00	\$800.00	\$800.00	\$800.00	\$800.00
4. 21ST STREET BRIDGE (NORTHBOUND)	L.S.	1	\$1,100.00	\$1,100.00	\$800.00	\$800.00	\$800.00	\$800.00
5. BROADWAY STREET BRIDGE	L.S.	1	\$1,100.00	\$1,100.00	\$800.00	\$800.00	\$1,200.00	\$1,200.00
UNDERWATER SURVEY								
6. 8TH STREET BRIDGE	L.S.	1	\$250.00	\$250.00	\$750.00	\$750.00	\$200.00	\$200.00
7. 10TH STREET BRIDGE	L.S.	1	\$250.00	\$250.00	\$750.00	\$750.00	\$200.00	\$200.00
8. 21ST STREET BRIDGE (SOUTHBOUND)	L.S.	1	\$250.00	\$250.00	\$300.00	\$300.00	\$200.00	\$200.00
9. 21ST STREET BRIDGE (NORTHBOUND)	L.S.	1	\$250.00	\$250.00	\$300.00	\$300.00	\$200.00	\$200.00
10. BROADWAY STREET BRIDGE	L.S.	1	\$250.00	\$250.00	\$300.00	\$300.00	\$200.00	\$200.00
<b>TOTAL FOR QUOTATION QO-16-2</b>			<b>\$6,750.00</b>		<b>\$6,800.00</b>		<b>\$7,000.00</b>	

G.J.M.

**PROPOSAL  
FOR  
UNDERWATER BRIDGE INSPECTION  
& UNDERWATER SURVEY**


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CITY OF MANITOWOC      CONTRACT NO. QO-16-2

Note: The Unit Price for all items of work shall be filled-in.

ITEM NO.	ITEM DESCRIPTION	UNITS	BID QUANTITY	UNIT PRICE	TOTAL
<b>UNDERWATER BRIDGE INSPECTION</b>					
1.	8TH STREET BRIDGE	LS	1	\$ 1,100 <sup>00</sup>	\$ 1,100 <sup>00</sup>
2.	10TH STREET BRIDGE	LS	1	\$ 1,100 <sup>00</sup>	\$ 1,100 <sup>00</sup>
3.	21ST STREET BRIDGE (SOUTHBOUND)	LS	1	\$ 1,100 <sup>00</sup>	\$ 1,100 <sup>00</sup>
4.	21ST STREET BRIDGE (NORTHBOUND)	LS	1	\$ 1,100 <sup>00</sup>	\$ 1,100 <sup>00</sup>
5.	BROADWAY STREET BRIDGE	LS	1	\$ 1,100 <sup>00</sup>	\$ 1,100 <sup>00</sup>
<b>UNDERWATER SURVEY (Streambed Profiles)</b>					
6.	8TH STREET BRIDGE	LS	1	\$ 250 <sup>00</sup>	\$ 250 <sup>00</sup>
7.	10TH STREET BRIDGE	LS	1	\$ 250 <sup>00</sup>	\$ 250 <sup>00</sup>
8.	21ST STREET BRIDGE (SOUTHBOUND)	LS	1	\$ 250 <sup>00</sup>	\$ 250 <sup>00</sup>
9.	21ST STREET BRIDGE (NORTHBOUND)	LS	1	\$ 250 <sup>00</sup>	\$ 250 <sup>00</sup>
10.	BROADWAY STREET BRIDGE	LS	1	\$ 250 <sup>00</sup>	\$ 250 <sup>00</sup>
<b>TOTAL FOR PROJECT QO-16-2</b>				<b>\$ 6,750<sup>00</sup></b>	

WESTBROOK ASSOCIATED ENGINEERS, INC.  
NAME OF COMPANY SUBMITTING QUOTATION

  
\_\_\_\_\_  
AUTHORIZED SIGNATURE

2/1/2016  
DATE



619 East Hoxie Street | P.O. Box 429 | Spring Green, WI 53588  
P: (608) 588-7866 | F: (608) 588-7954 | [www.westbrookeng.com](http://www.westbrookeng.com)

February 1, 2016

City of Manitowoc  
Engineering Department  
900 Quay Street  
Manitowoc, WI 54220

Subject: 2016 Quotation for Underwater Bridge Inspection & Underwater Survey

Attn: Gregory J. Minikel, PE  
Engineering Division Manager

Mr. Minikel,

Westbrook is pleased to provide the attached quotation for the 2016 Underwater Bridge Inspection and Survey in accordance with the Special Provisions and Conditions attached to your January 14, 2016 letter. Westbrook will team with Underwater Inspectors, LLC for their professional diving and underwater bridge inspection services to provide this service in 2016. Westbrook along with Underwater Inspectors, LLC are looking forward to this opportunity to provide this service to you once again.

Please let me know if you have any questions regarding this quotation. Again, thank you for this opportunity to continue being of service to the City of Manitowoc.

Sincerely,  
WESTBROOK ASSOCIATED ENGINEERS, INC.

A handwritten signature in black ink that reads "Aaron Palmer". The signature is fluid and cursive, with a large initial "A" and "P".

Aaron Palmer, P.E.  
Vice President

G.J.M.

**PROPOSAL  
FOR  
UNDERWATER BRIDGE INSPECTION  
& UNDERWATER SURVEY**

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**CITY OF MANITOWOC                      CONTRACT NO. QO-16-2**

Note: The Unit Price for all items of work shall be filled-in.

ITEM NO.	ITEM DESCRIPTION	UNITS	BID QUANTITY	UNIT PRICE	TOTAL
<b>UNDERWATER BRIDGE INSPECTION</b>					
1.	8TH STREET BRIDGE	LS	1	\$1,000	
2.	10TH STREET BRIDGE	LS	1	\$1,000	
3.	21ST STREET BRIDGE (SOUTHBOUND)	LS	1	\$800	
4.	21ST STREET BRIDGE (NORTHBOUND)	LS	1	\$800	
5.	BROADWAY STREET BRIDGE	LS	1	\$800	
<b>UNDERWATER SURVEY (Streambed Profiles)</b>					
6.	8TH STREET BRIDGE	LS	1	\$750	
7.	10TH STREET BRIDGE	LS	1	\$750	
8.	21ST STREET BRIDGE (SOUTHBOUND)	LS	1	\$300	
9.	21ST STREET BRIDGE (NORTHBOUND)	LS	1	\$300	
10.	BROADWAY STREET BRIDGE	LS	1	\$300	
<b>TOTAL FOR PROJECT QO-16-2</b>				<b>\$6,800</b>	

**Collins Engineers, Inc.**

NAME OF COMPANY SUBMITTING QUOTATION

  
 AUTHORIZED SIGNATURE

Feb. 1, 2016

DATE

Proposals due in Office of City Clerk by no later than 4:00 P.M., Wednesday, February 3, 2016. Companies submitting proposals must use this form.

# COLLINS ENGINEERS INC

## LETTER OF TRANSMITTAL

**TO:** City of Manitowoc  
Office of City Clerk in City Hall  
900 Quay Street  
Manitowoc, WI 54220

**DATE:** 2/1/16  
**PROJECT NO.:**  
**PROJECT:** Underwater Bridge Inspections

**ATTENTION:** Underwater Bridge Inspection Quotation

**We are sending you:**

- Draft Report(s)       Final Report(s)       Shop Drawings       Plans  
 Catalog Cuts       Specifications       Change Order(s)       Proposal  
 Forms 254 and/or 255       Request for Material Inspection       Other: Agreement

COPIES	DATE	DWG NO.	DESCRIPTION
1	2/1/16		Proposal for underwater bridge inspection & survey services

- For Approval       For Your Use       As Requested  
 Approved as Submitted       Approved as Noted       Returned for Corrections  
 Resubmit \_\_\_\_\_ Copies       For Proposals Due:       For Review & Comment

**Remarks:**

As requested, I have enclosed a cost estimate for underwater inspection services in the City of Manitowoc. Please call if you have any questions.

Thank you.

BY: *Roy Forsyth*  
Roy A. Forsyth, P.E., CWI  
Project Manager

Copies to: file

G.J.M.

**P R O P O S A L  
F O R  
U N D E R W A T E R B R I D G E I N S P E C T I O N  
& U N D E R W A T E R S U R V E Y**

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CITY OF MANITOWOC      CONTRACT NO. QO-16-2

Note: The Unit Price for all items of work shall be filled-in.

ITEM NO.	ITEM DESCRIPTION	UNITS	BID QUANTITY	UNIT PRICE	TOTAL
<b>UNDERWATER BRIDGE INSPECTION</b>					
1.	8TH STREET BRIDGE	LS	1	1,600.00	1,600.00
2.	10TH STREET BRIDGE	LS	1	1,600.00	1,600.00
3.	21ST STREET BRIDGE (SOUTHBOUND)	LS	1	800.00	800.00
4.	21ST STREET BRIDGE (NORTHBOUND)	LS	1	800.00	800.00
5.	BROADWAY STREET BRIDGE	LS	1	1,200.00	1,200.00
<b>UNDERWATER SURVEY (Streambed Profiles)</b>					
6.	8TH STREET BRIDGE	LS	1	200.00	200.00
7.	10TH STREET BRIDGE	LS	1	200.00	200.00
8.	21ST STREET BRIDGE (SOUTHBOUND)	LS	1	200.00	200.00
9.	21ST STREET BRIDGE (NORTHBOUND)	LS	1	200.00	200.00
10.	BROADWAY STREET BRIDGE	LS	1	200.00	200.00
<b>TOTAL FOR PROJECT QO-16-2</b>				<b>7,000.00</b>	

Ayres Associates, Inc.

NAME OF COMPANY SUBMITTING QUOTATION

  
\_\_\_\_\_  
AUTHORIZED SIGNATURE

2/1/16

DATE

Proposals due in Office of City Clerk by no later than 4:00 P.M., Wednesday, February 3, 2016. Companies submitting proposals must use this form.

February 1, 2016

Greg Minikel, PE  
Engineering Division Manager  
City of Manitowoc – Engineering Department  
900 Quay Street  
Manitowoc, WI 54220

Re: Quotation for Underwater Bridge Inspection & Underwater Survey (QO-16-2)

Dear Mr. Minikel:

Thank you for this opportunity to submit the enclosed quotation for underwater bridge inspections and underwater survey in the City of Manitowoc. Ayres Associates is prepared to successfully complete this project in accordance with the Special Provisions and Conditions using our 35 years of underwater inspection experience.

We have assembled a team that meets the requirements of the National Bridge Inspection Standards and the Wisconsin Structure Inspection Manual. Our team includes inspection team leaders who will complete at least 50% of the underwater inspection. All divers inspecting the City's bridges are properly trained in underwater inspection. They will use surface-supplied air to accurately and efficiently report the findings of the inspection. I will be the Professional Engineer who leads the team and seals the final reports.

Ayres Associates holds safety paramount in all underwater inspection projects. Our operations meet the Occupational Safety and Health Administrations standards on Commercial Diving Operations, CFR Part 1910, Subpart T.

If you have any questions or concerns about Ayres Associates' quotation or team, please contact me by phone or email.

Sincerely,

Ayres Associates Inc



Brian K Schroeder, PE  
Structural Engineer  
Direct: 715.831.7689  
Cell: 715.864.4537  
Fax: 715.831.7500  
SchroederB@AyresAssociates.com

BKS:jms

Enclosure

cc: Dave Pantzlaff, Ayres Associates (Eau Claire)