



CITY of NOVI CITY COUNCIL

Agenda Item 3
October 24, 2016

SUBJECT: Approval to award a construction contract for the Eight Mile Water Main (Club Lane to Turnberry) project to Bricco Excavating Company, LLC., the low bidder, in the amount of \$192,704, subject to final review and approval of form of agreement by City Manager's office and the City Attorney.

SUBMITTING DEPARTMENT: Department of Public Services, Water and Sewer Division *ZLC* *(74)*

CITY MANAGER APPROVAL: *[Signature]*

EXPENDITURE REQUIRED	\$ 192,704
AMOUNT BUDGETED	\$ 252,177
LINE ITEM NUMBER	592-592.00-976.012

BACKGROUND INFORMATION:

This project involves the extension of a 12-inch water main approximately 1,200 feet from the existing 8-inch main at 8 Mile Road and Club Lane to the east to the existing 12-inch water main along the frontage of the Turnberry Estates subdivision. This project was recommended as part of the 2014 Water System Master Plan, and would improve the redundancy for the residential properties in the area that are currently only served by a single water main. Currently, if the water main fails, there would be no way to back-feed those residential areas, meaning they would not have water service until the failure is addressed.

A total of nine bids were received and opened on October 13, 2016 following a public bid solicitation period. The lowest bidder is Bricco Excavating Company. Bricco's bid is recommended as being in the best interest of the City as it is responsive (i.e., Bricco has complied with all requirements of the bidding instructions) and it is the lowest price. (AECOM's award recommendation letter including the bid tabulation dated October 17, 2016 is attached). A summary of the nine bids is as follows:

Contractor	Base Bid (including Crew Days)*
Bricco Excavating	\$ 197,824.00
Giannetti Building Development	\$ 217,063.00
M-K Construction Co.	\$ 222,260.57
Hardrock HDD Inc.	\$ 224,890.87
TLS Construction	\$ 235,207.00
LMC Inc.	\$ 246,498.00
F.D.M Utilities Inc.	\$ 251,679.00
D.V.M. Utilities Inc.	\$ 268,971.50
Bidigare Contractors Inc.	\$ 291,700.00

*Crew Days are included to compare bids, but are not included in the award.

It is anticipated that this project will be substantially completed this fall with final completion and restoration in spring 2017.

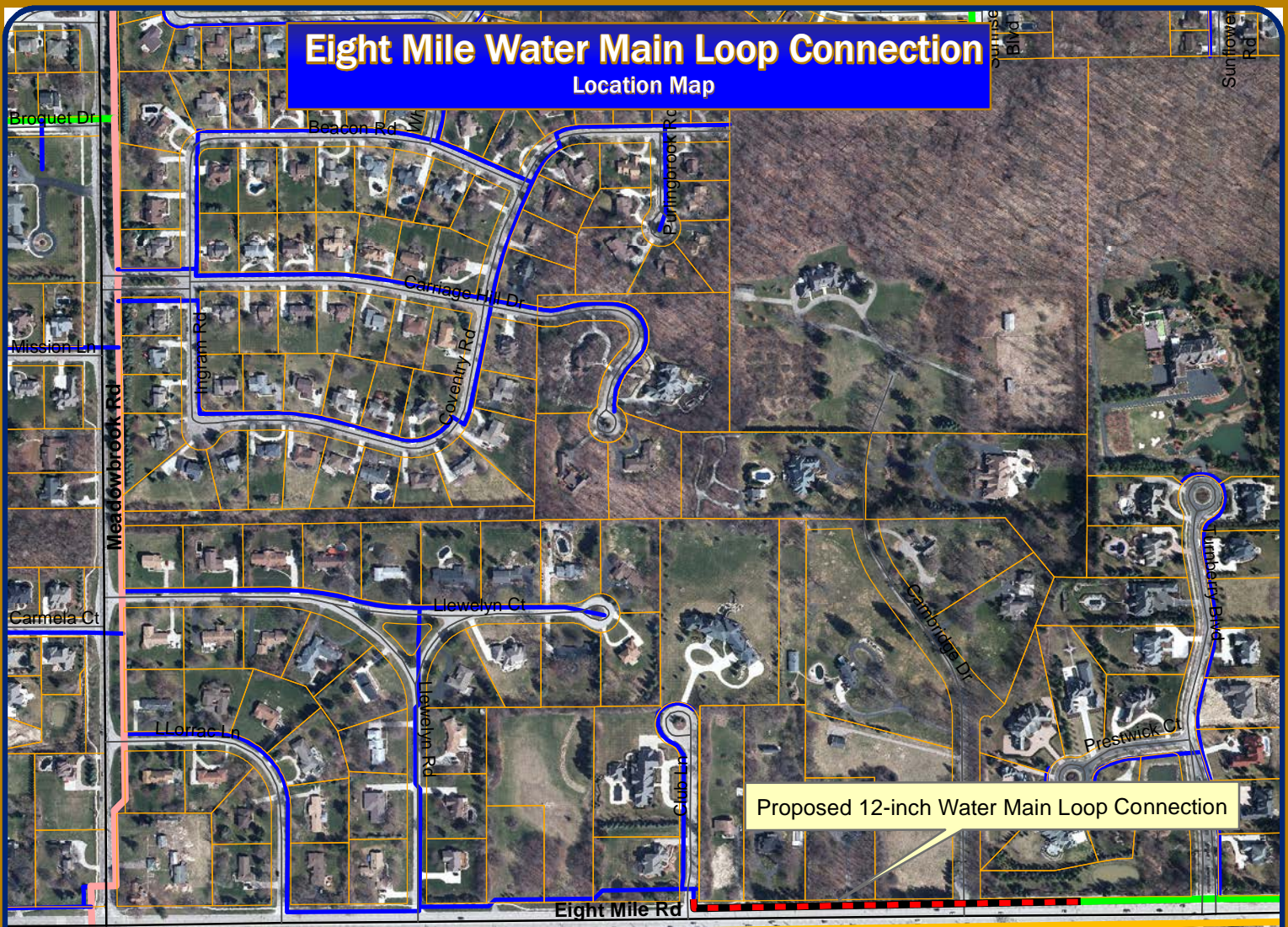
RECOMMENDED ACTION: Approval to award a construction contract for the Eight Mile Water Main (Club Lane to Turnberry) project to Bricco Excavating Company, LLC., the low bidder, in the amount of \$192,704, subject to final review and approval of form of agreement by City Manager's office and the City Attorney.

	1	2	Y	N
Mayor Gatt				
Mayor Pro Tem Staudt				
Council Member Burke				
Council Member Casey				

	1	2	Y	N
Council Member Markham				
Council Member Mutch				
Council Member Wrobel				

Eight Mile Water Main Loop Connection

Location Map



Map Author: Croy
 Date: 1/5/16
 Project: 8 Mile WM Loop
 Version #: v1.0

Amended By:
 Date:
 Department:

MAP INTERPRETATION NOTICE

Map information depicted is not intended to replace or substitute for any official or primary source. This map was intended to meet National Map Accuracy Standards and use the most recent, accurate sources available to the people of the City of Novi. Boundary measurements and area calculations are approximate and should not be construed as survey measurements performed by a licensed Michigan Surveyor as defined in Michigan Public Act 132 of 1970 as amended. Please contact the City GIS Manager to confirm source and accuracy information related to this map.

Map Legend

- 8-inch
- 12-inch
- 20-inch
- 30-inch



1 inch = 500 feet



City of Novi
 Engineering Division
 Department of Public Services
 26300 Lee BeGole Drive
 Novi, MI 48375
 cityofnovi.org



October 17, 2016

Mr. Ben Croy P.E.
Water & Sewer Senior Manager
Department of Public Services
Field Services Complex
26300 Lee BeGole Drive
Novi, MI 48375

RE: **Letter of Recommendation**
Eight Mile Road Water Main – Club Lane to Turnberry

Dear Mr. Ben Croy:

AECOM has reviewed the bids received by your office on October 13, 2016 for the above referenced project. A total of 9 bids were received, ranging from \$197,824.00 to \$291,700.00 (including the crew day inspection allowance). The apparent low bidder was Bricco Excavating of Oak Park, MI. No informalities were identified in the bids received. A Bid Tabulation is attached.

As part of the bid review, AECOM contacted current and past clients of Bricco Excavating. The references contacted provided positive statements and satisfaction with the work Bricco Excavating has performed on similar construction projects. AECOM also conducted a conference call with Nick Banchemo, Project Manager of Bricco Excavating, reviewing their experience with similar projects and comfort level with the bid.

Based on our review of the bids, and discussions with references, we recommend that the Contract be awarded to Bricco Excavating, in the amount of \$197,824.00 (The Bid price of \$192,704.00, less \$5,120.00 in Crew days).

The Wayne County Right of way permit fee of \$5,755 shall be paid by the City of Novi as it was not included as part of the bid process. The permit must be paid by the Owner or Contractor.

If you should have any questions regarding this matter, please contact me at 248.752.3401.

Sincerely,

Matthew Bacon
Project Manager

Enclosures

cc:



27777 Franklin Road, Suite 2000
Southfield, MI 48034
T: 248.204.5900
F: 248.204.5901
www.aecom.com

BID TABULATION				Engineer Estimate		Bricco Excavating Company		Gianetti Building Development		M.K. Constrction Co.	
Novi Eight Mile Road Water Main - Club Lane to Turnberry						21201 Meyers Road Oak Park, MI 48237-3201		1850 Oak Trail Oxgord, MI 48370		18388 Dix-Toledo Brownstown, MI 48193	
Bid Opening: DATE: October 13 @ 2:00 PM						248-547-6963		248-628-2594		734-283-4637	
Location: City of Novi, Office of the City Clerk				0		1		2		3	
Attended Pre-Bid Meeting				N/A		N/A		N/A		N/A	
Acknowledgement of Addenda (1)				N/A		N/A		N/A		N/A	
Bid Bond (5%)				N/A		YES		Letter from Surety		YES	
Bidder's Qualification Form				N/A		YES		YES		YES	
Affidavit of Non-Collusion											
List of Unit Prices				Unit Price		Unit Price		Unit Price		Unit Price	
Contract A				Bid Price		Bid Price		Bid Price		Bid Price	
Mobilization	LS	1.00	\$ 22,239.97	\$ 22,239.97	\$ 30,000.00	\$ 30,000.00	\$ 7,900.00	\$ 7,900.00	\$ 13,620.00	\$ 13,620.00	
Pre-construction Video	LS	1.00	\$ 1,200.00	\$ 1,200.00	\$ 3,000.00	\$ 3,000.00	\$ 2,225.00	\$ 2,225.00	\$ 6,200.00	\$ 6,200.00	
Clearing and Grubbing	LS	1.00	\$ 7,130.00	\$ 7,130.00	\$ 5,000.00	\$ 5,000.00	\$ 1,500.00	\$ 1,500.00	\$ 8,486.28	\$ 8,486.28	
Soil Erosion and Sedimentation Control	LS	1.00	\$ 3,800.00	\$ 3,800.00	\$ 1,600.00	\$ 1,600.00	\$ 2,225.00	\$ 2,225.00	\$ 914.40	\$ 914.40	
Concrete Sidwalk - Removal	SF	100.00	\$ -	\$ 155.82	\$ 2.00	\$ 200.00	\$ 9.50	\$ 950.00	\$ 4.80	\$ 480.00	
12" HDPE Water Main (Horizontal Directionally Drilled)	LF	1,214.00		\$ 155,000.00	\$ 86.00	\$ 104,404.00	\$ 111.00	\$ 134,754.00	\$ 121.72	\$ 147,768.08	
Hydrant Assembly	EA	2.00	\$ 8,650.00	\$ 17,300.00	\$ 9,000.00	\$ 18,000.00	\$ 8,900.00	\$ 17,800.00	\$ 3,514.64	\$ 7,029.28	
Gate Valve and Well	EA	1.00	\$ 6,500.00	\$ 6,500.00	\$ 10,000.00	\$ 10,000.00	\$ 11,400.00	\$ 11,400.00	\$ 8,849.05	\$ 8,849.05	
Concrete Sidwalk - Installation	SF	100.00	\$ -	\$ 213.89	\$ 5.00	\$ 500.00	\$ 24.00	\$ 2,400.00	\$ 14.40	\$ 1,440.00	
Connection to Existing	LS	1.00	\$ 10,400.00	\$ 10,400.00	\$ 11,000.00	\$ 11,000.00	\$ 12,249.00	\$ 12,249.00	\$ 419.76	\$ 419.76	
Seeding and Mulching (Non-Native Riparian Buffer Area)	LS	1.00	\$ 700.00	\$ 700.00	\$ 800.00	\$ 800.00	\$ 3,300.00	\$ 3,300.00	\$ 1,958.86	\$ 1,958.86	
Seeding and Mulching (Native Riparian Buffer Area)	LS	1.00			\$ 800.00	\$ 800.00	\$ 3,300.00	\$ 3,300.00	\$ 2,054.86	\$ 2,054.86	
Traffic Control	LS	1.00	\$ 10,000.00	\$ 10,000.00	\$ 7,400.00	\$ 7,400.00	\$ 1,700.00	\$ 1,700.00	\$ 3,840.00	\$ 3,840.00	
			Total=	\$ 234,639.68	Total=	\$ 192,704.00	Total=	\$ 201,703.00	Total=	\$ 203,060.57	
Crew Days	PER DAY	\$640	30.00	\$ 19,200.00	8.00	\$ 5,120.00	24.00	\$ 15,360.00	30.00	\$ 19,200.00	
Total				\$ 253,839.68		\$ 197,824.00		\$ 217,063.00		\$ 222,260.57	

Hardrock HDD Inc		TLS Construction		LMC Inc.		F.D.M Contracting		D.V.M Utilities Inc		Bidigare Contractors, Inc	
2363 E. South St. Jackson, MI 49201		5833 Annabetta Lane Howell, MI 48855		50850 Bemis road Belleville, MI 48111		49156 Van Dyke Shelby township, MI 48317		6045 sims Drive, Suite #2 Sterling heights, MI 48313		7820 Chubb Road Northville, MI 48168	
517-764-6020 4		517-404-5590 5		734-481-1565 6		586-739-8400 7		586-979-0402 8		258-735-1113 9	
N/A		N/A		N/A		N/A		N/A		N/A	
N/A		N/A		N/A		N/A		N/A		N/A	
YES		YES		YES		YES		YES		YES	
YES		YES		YES		YES		YES		YES	
Unit Price	Bid Price	Unit Price	Bid Price	Unit Price	Bid Price	Unit Price	Bid Price	Unit Price	Bid Price	Unit Price	Bid Price
\$ 29,275.00	\$ 29,275.00	\$ 11,200.00	\$ 11,200.00	\$ 11,738.00	\$ 11,738.00	\$ 10,000.00	\$ 10,000.00	\$ 12,500.00	\$ 12,500.00	\$ 10,000.00	\$ 10,000.00
\$ 3,225.00	\$ 3,225.00	\$ 3,450.00	\$ 3,450.00	\$ 5,000.00	\$ 5,000.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 3,000.00	\$ 3,000.00
\$ 2,500.00	\$ 2,500.00	\$ 3,500.00	\$ 3,500.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 5,000.00	\$ 5,000.00	\$ 2,500.00	\$ 2,500.00
\$ 2,500.00	\$ 2,500.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 1,000.00	\$ 1,000.00	\$ 5,000.00	\$ 5,000.00	\$ 2,500.00	\$ 2,500.00
\$ 5.00	\$ 500.00	\$ 2.75	\$ 275.00	\$ 8.00	\$ 800.00	\$ 3.00	\$ 300.00	\$ 2.50	\$ 250.00	\$ 4.00	\$ 400.00
\$ 102.05	\$ 123,888.70	\$ 113.00	\$ 137,182.00	\$ 140.00	\$ 169,960.00	\$ 148.50	\$ 180,279.00	\$ 142.25	\$ 172,691.50	\$ 150.00	\$ 182,100.00
\$ 5,527.36	\$ 11,054.72	\$ 4,950.00	\$ 9,900.00	\$ 6,000.00	\$ 12,000.00	\$ 5,000.00	\$ 10,000.00	\$ 6,200.00	\$ 12,400.00	\$ 7,000.00	\$ 14,000.00
\$ 9,097.45	\$ 9,097.45	\$ 8,500.00	\$ 8,500.00	\$ 7,000.00	\$ 7,000.00	\$ 6,000.00	\$ 6,000.00	\$ 6,860.00	\$ 6,860.00	\$ 8,600.00	\$ 8,600.00
\$ 12.50	\$ 1,250.00	\$ 12.00	\$ 1,200.00	\$ 12.00	\$ 1,200.00	\$ 10.00	\$ 1,000.00	\$ 8.50	\$ 850.00	\$ 8.00	\$ 800.00
\$ 5,000.00	\$ 5,000.00	\$ 20,000.00	\$ 20,000.00	\$ 8,000.00	\$ 8,000.00	\$ 5,000.00	\$ 5,000.00	\$ 8,000.00	\$ 8,000.00	\$ 17,000.00	\$ 17,000.00
\$ 3,000.00	\$ 3,000.00	\$ 8,000.00	\$ 8,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 7,500.00	\$ 7,500.00	\$ 4,000.00	\$ 4,000.00
\$ 3,000.00	\$ 3,000.00	\$ 8,000.00	\$ 8,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 7,500.00	\$ 7,500.00	\$ 4,000.00	\$ 4,000.00
\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 4,000.00	\$ 4,000.00	\$ 15,000.00	\$ 15,000.00	\$ 10,000.00	\$ 10,000.00	\$ 30,000.00	\$ 30,000.00
Total=	\$ 199,290.87	Total=	\$ 219,207.00	Total=	\$ 233,698.00	Total=	\$ 242,079.00	Total=	\$ 251,051.50	Total=	\$ 278,900.00
40.00	\$ 25,600.00	25.00	\$ 16,000.00	20.00	\$ 12,800.00	15.00	\$ 9,600.00	28.00	\$ 17,920.00	20.00	\$ 12,800.00
	\$ 224,890.87		\$ 235,207.00		\$ 246,498.00		\$ 251,679.00		\$ 268,971.50		\$ 291,700.00

BIDDER'S QUALIFICATION AND EXPERIENCE STATEMENT

The OWNER will require supporting evidence regarding Bidder's Qualifications and competency. The Bidder will be required to furnish all of the applicable information listed below, which must be submitted with the sealed Bid at the time of Bid Opening. The Qualifications and Experience Statement must be typewritten and signed in ink.

A fill-in-the blank version of this form is available for your convenience on the City of Novi's website (www.cityofnovi.org) under Forms & Permits/Engineering.

QUALIFICATIONS AND EXPERIENCE STATEMENT

The undersigned certifies under oath that the information provided herein is true and sufficiently complete so as not to be misleading.

Submitted to: City of Novi

Address: 45175 West Ten Mile Road, Novi, Michigan 48375

Submitted by: Bricco Excavating Company, LLC

Name: Marco Banchemo

Address: 21201 Meyers Road

City, State, ZIP: Oak Park, Michigan 48237

Telephone Number: 248-547-6963 Fax Number: 248-547-7347

Principal Office: same as above

Corporation: _____ Joint Venture: _____

Partnership: _____ Other: Limited Liability Company

Individual: _____

Name of Project: 8 Mile Water Main, Club Lane to Turnberry

Type of Work (file separate form for each classification of work):

General: _____ Plumbing: _____

HVAC: _____ Electrical: _____

Other: Water & Sewer Construction (Please Specify)

[Engineer to modify list of applicable trades experience, tailored to requirements of the project.]



Organization

How many years has your organization been in business as a CONTRACTOR?

20 years

How many years has your organization been in business under its present business name?

20 years

Under what other business names has your organization operated?

None

If your organization is a corporation, answer the following:

Date of Incorporation: _____

State of Incorporation: _____

President's Name: _____

Vice President's Name: _____

Secretary's Name: _____

Treasurer's Name: _____

If your organization is a partnership, answer the following:

Date of Organization: _____

Type of Partnership: _____

Names of General Partners: _____

If your organization is individually owned, answer the following:

Date of Organization: _____

Name of OWNER: _____

If the form of your organization is other than those listed above, describe it and name the principals:

Limited Liability Company
Organization Date: September 11, 1996
Managing Partner: Marco Banchemo
Member: Dino Cervi
Member: Stephen J. Kassab



Licensing

List jurisdictional and trade categories in which your organization is legally qualified to do business, and indicate registration or license numbers, if applicable:

State of Michigan

List jurisdiction in which your organization's partnership or trade name is filed:

State of Michigan

Experience

List the categories of work that your organization normally performs with its own forces:

Installation of water & sewer main lines, including all related appurtenances; also concrete, asphalt and landscape restoration.

On a separate sheet, list major construction projects your organization has in progress. List the name of project, owner, architect/engineer, contract amount, percent complete, and scheduled completion date.

On a separate sheet, list the major construction projects your organization has completed in the past five (5) years. List the name of the project, owner, architect/engineer, contract amount, date of completion, and percentage of the cost of the work performed with your own forces.

On a separate sheet, list the construction experience and present commitments of the key individuals of your organization who would be employed in the Work.

Claims and Suits

If the answer to any of the questions below is yes, please attach details.

Has your organizations ever failed to complete any work awarded to it? No

Are there any judgments, claims, arbitration proceedings or suits pending or outstanding against your organization or officers? No



Has the City of Novi filed a claim on any contract within the prior three years which asserted that your organization:

1) failed to perform as required by the contract?

YES NO

2) completed contracted work in an untimely manner causing delays and interference;

YES NO

3) lacked financial resources and the ability to satisfactorily perform the contract or provide the services or supplies;

YES NO

4) exhibited poor quality of performance or completed work under the contract;

YES NO

5) failed to comply with laws and ordinances relating to the contract performance;

YES NO

6) defaulted on its quotations or prices;

YES NO

References

Entity	Contact Name	Phone
<i>Trade References</i>		
1. Ferguson Waterworks	Mike Deneen	810-230-2737
2. Cadillac Asphalt	Al Linson	248-625-5891
3. Kilgour & Company	Jon Kilgour	734-487-1552
<i>Bank References</i>		
1. First State Bank	Gabe Makhoulf	586-447-4856
2.		
3.		
<i>Surety</i>		
Travelers Casualty & Surety Co	Mike Miller (Agent)	248-828-3377



Name of Bonding Company: Travelers Casualty & Surety Company of America

Name of Bonding Agent: VTC Insurance Group

Address of Bonding Agent: 1175 W. Long Lake Road, Suite 200, Troy, Michigan 48098

SUBMITTED on October 13, 2016
Date*

BY: Bricco Excavating Company, LLC
Name of Bidder*


Signature

Marco Banchemo, Managing Partner
Name and Title of Signatory*

*Typed or printed in ink.

Marco Banchemo being duly sworn deposes and says that the information provided herein is true and sufficiently complete so as not to be misleading.

Subscribed and sworn before me this 13th day of October 2016.

Notary Public: Amy Cervi 

My Commission Expires: July 10, 2021

IF THIS INFORMATION IS NOT SUBMITTED WITH THE SEALED BID AT THE TIME OF BID, THE BID WILL BE CONSIDERED INCOMPLETE.



Bricco Excavating Company
 Current Work On Hand
 October 12, 2016

Owner	Contact	Project	Engineer	Description of Work	Contract Amount	% Complete
City of Southfield 26000 Evergreen Road Southfield, Michigan 48037	Ms. Leigh Schultz, P.E. (248) 796-4812	Section 19 Water Main and Pavement Improvements	Alfred Benesch & Company 615 Griswold Street, Ste 600 Detroit, MI 48226 Mr. Mike Lawicki Project Engineer (313) 234-0315	Installation of 3,500 LF of 8" C909 water main, with related appurtenances; removal & replacement of concrete & asphalt pavement, drives and walks; landscape restoration.	\$899,821.00	50%
City of Allen Park 16630 Southfield Road Allen Park, Michigan 48101		Water Main Replacement for Warwick Avenue and Arlington Avenue	C.E. Raines Company 17700 Fort Street Riverview, MI 48193 Mr. Matthew Hickman Project Engineer (734) 285-7510	Installation of 3,200 LF of 10" HDPE water main directionally drilled, with related appurtenances; removal & replacement of concrete & asphalt pavement, drives and walks; landscape restoration.	\$684,305.20	Scheduled to begin November 2016

Brcco Excavating Company
Project References - Public Municipal Work
2010 - 2016

Owner	Contact	Project	Engineer	Description of Work	Original Contract Amount	Final Contract Amount	Duration
City of Dearborn 16901 Michigan Avenue Dearborn, MI 48126	Mr. M. Yunus Patel, City Engineer (313) 943-2145	2016 Asphalt Resurfacing and Water Main Replacement 2016 - Phase II	City of Dearborn	Installation of 1,800 LF of 8" ductile iron water main and related appurtenances; removal & replacement of concrete and asphalt pavement; landscape restoration.	\$1,857,638.00	\$1,857,638.00	May 201 through October 2016
Charter Township of Canton 1150 S Canton Center Road Canton, Michigan 48188	Mr. Charles Larocque, P.E. (734) 394-5159	Ridge Road Water Main - HDD Installation	Stantec Consulting, Inc. 3754 Ranchero Drive Ann Arbor, MI 48108 Mr. Gary Sacharski Project Engineer (734) 214-2565	Installation of 3,700 LF of 12" DI water main directionally drilled, with related appurtenances; removal & replacement of concrete & asphalt pavement, drives and walks; landscape restoration.	\$648,317.00	\$676,300.00	June 2016 through August 2016
City of Grosse Pointe 17147 Maumee Grosse Pointe, Michigan 48230	Department of Public Services (313) 885-5800	Fisher Road Water Main Replacement	Anderson, Eckstein and Westrick, Inc. 51301 Schoenherr Road Shelby Township, Michigan 48315 (586) 726-1234 Mr. Stephen Pangori	Installation of 1,000 LF of 8" DI water main & appurtenances; removal & replacement of concrete pavement including drives, approaches and sidewalk.	\$262,496.00	\$262,496.00	July 2016 through August 2016
City of Burton 4303 S. Center Road Burton, Michigan 48519	Mr. Dave Marshke Utilities Supervisor (810) 742-9230, ext. 3106	DWRF Segment 2 Water Main Replacement	Stantec Consulting, Inc. 3754 Ranchero Drive Ann Arbor, MI 48108 Mr. Anthony Tyler Project Engineer (734) 214-2547	Installation of 19,900 LF of 6", 8" & 12" DI open cut water main, with related appurtenances; 283 water services replacements; removal & replacement of concrete & asphalt pavement, drives and walks; landscape restoration.	\$4,465,576.50	\$4,696,918.86	August 2015 through June 2016
City of Burton 4303 S. Center Road Burton, Michigan 48519	Mr. Dave Marshke Utilities Supervisor (810) 742-9230, ext. 3106	DWRF Segment 1 Water Main Replacement	Stantec Consulting, Inc. 3754 Ranchero Drive Ann Arbor, MI 48108 Mr. Anthony Tyler Project Engineer (734) 214-2547	Installation of 26,900 LF of 8" & 12" DI open cut water main, with related appurtenances; 522 water services replacements; removal & replacement of concrete & asphalt pavement, drives and walks; landscape restoration.	\$5,124,599.30	\$5,278,074.00	June 2014 through August 2015 and January 2016 through May 2016
Oakland County Water Resources Commissioner One Public Works Drive Waterford, Michigan 48328	Mr. Sid Lockhart, P.E. Chief Engineer (248) 858-1082	Pontiac Water Main Replacement and Looping Program: Contract 1 - Open Cut/Directional Drill	Johnson & Anderson 4494 Elizabeth Lake Road Waterford, MI 48328 Ms. Nancy Kolinski (248) 681-7800	Installation of 6,400 LF of 8" & 12" DI open cut water main and 3,000 LF of 8" HDPE directionally drilled water main with all related appurtenances; 115 water services replacements; removal & replacement of concrete & asphalt pavement, drives and walks; landscape restoration.	\$2,585,751.50	\$3,500,000.00	June 2015 through May 2016
Charter Township of Redford 12200 Beech Daly Road Redford Township, Michigan 48239	Mr. John Selmi Director of Public Services (313) 387-2641	Phase XII Water Main	George Jerome & Company 28304 Hayes Roseville, Michigan 48066 (586) 774-3000 Mr. David Love	Installation of 8,400 LF of 8" DI water main and related appurtenances; 1,500 LF of 8" TR Flex directionally drilled water main; removal & replacement of concrete & asphalt pavement, drives and walks; landscape restoration.	\$1,485,400.10	\$1,571,000.00	June 2014 through October 2014

Bricco Excavating Company
Project References - Public Municipal Work
2010 - 2016

Owner	Contact	Project	Engineer	Description of Work	Original Contract Amount	Final Contract Amount	Duration
City of South Lyon 335 South Warren South Lyon, Michigan 48178	Mr. Bob Martin DPW Superintendent (248) 437-4006	DWRF Water Main Improvements - Segment 1	Hubbell, Roth & Clark, Inc. 555 Hulet Drive Bloomfield Hills, MI 48302 (586) 569-5009 Mr. Jesse VanDeCreek	Installation of 26,000 LF of 8" SDR 11 water main directionally drilled, with related appurtenances; 474 water services; removal & replacement of concrete & asphalt pavement, drives and walks; landscape restoration.	\$3,695,575.00	\$4,042,000.00	February 2013 through November 2013 and May 2014 through August 2014
City of Livonia 33000 Civic Center Drive Livonia, Michigan 48154	Mr. Todd Zilincik City Engineer (734) 466-2576	Storm to Sanitary Sewer Disconnections Project	OHM, Inc. 34000 Plymouth Road Livonia, MI 48150 (734) 522-6711 Mr. Patrick Droze	Eliminate storm sewer connections to the sanitary sewer in 14 locations. Installation of 4,000 LF of 8" - 15" RCP sewer pipe; removal & replacement of concrete pavement, drives & walks; and landscape restoration.	\$597,400.00	\$566,124.43	November 2013 and April 2014 through July 2014
Charter Township of Waterford 5200 Civic Center Drive Waterford, Michigan 48329	Mr. Bill Fritz Director, DPW (248) 618-7464	Water Main Replacement, DWRF #7377-01 Waterford, Michigan	Johnson & Anderson 4494 Elizabeth Lake Road Waterford, MI 48328 (248) 681-7800 Ms. Kristin Goetze	Installation of 1,800 LF of 8" DI water main, 6,800 LF of 8" HDPE directionally drilled water main and related appurtenances; 217 water services; concrete, asphalt & landscape restoration.	\$1,553,129.00	\$1,639,934.00	October 2013 through June 2014
City of Dearborn 4500 Maple Dearborn, MI 48126	Mr. Sam Shilbayeh Sr. Civil Engineer (313) 943-2145	Sanitary Sewer Replacement Project	City of Dearborn	Replacement of 250 LF of 10" SCH40 PVC sanitary sewer and related appurtenances; 150 LF of 6" or 8" sewer leads.	\$94,305.00	\$104,890.00	April 2014
City of Romulus 11111 Wayne Road Romulus, Michigan 48174	Mr. Thomas Wilson Director, DPW (734) 955-8755	Middlebelt Road Water Main - Wick to I-94	OHM, Inc. 34000 Plymouth Road Livonia, MI 48150 (734) 522-6711 Mr. Marcus McNamara	Installation of 250 LF of 12" DI water main and related appurtenances; 1,600 LF of 14" HDPE directionally drilled water main; removal & replacement of concrete & asphalt pavement; landscape restoration.	\$458,685.75	\$540,638.20	May through September 2013
State of Michigan-Department of Natural Resources 530 West Allegan Lansing, Michigan 48933	Mr. Chris Bahjet Project Director (517) 749-7519	Dodge #4 State Park Waterford, Michigan	Hubbell, Roth & Clark, Inc. 555 Hulet Drive Bloomfield Hills, MI 48302 (586) 569-5009 Mr. Dan Mitchell	Installation of 2,600 lf of 3" HDPE directionally drilled water service to connect to municipal water; restoration.	\$127,850.00	\$136,390.18	April through July 2013
Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day Saints	Mr. Daniel Holt Project Manager (630) 800-7003	Church of LDS Water & Sewer Connection Project Clarkston, Michigan	ROWE Professional Services Company 540 S. Saginaw Street Flint, MI 48502 (810) 341-7800 Mr. Scott Dickerson	Connection to Municipal Water & Sewer. Installation of 400 LF of 6" DI water main; 400 LF of 6" SDR 23.5 sewer; and all related appurtenances.	\$127,627.00	\$128,634.50	August to September 2013
City of Troy 500 West Big Beaver Troy, Michigan 48084	Mr. Joseph Lietaert Inspector Supervisor (248) 524-3409	Section 16 Water Main Replacement	Mr. Antonio Cicchetti Civil Engineer (248) 524-3385	Installation of 13,600 LF of 8" & 12" DI water main and related appurtenances; 1,500 LF of 30" storm sewer; removal & replacement of concrete & asphalt pavement, drives and walks; landscape restoration.	\$2,498,647.34	\$2,445,553.25	June 2012 through December 2012

Bricco Excavating Company
Project References - Public Municipal Work
2010 - 2016

Owner	Contact	Project	Engineer	Description of Work	Original Contract Amount	Final Contract Amount	Duration
City of Pontiac 47450 Woodward Avenue Pontiac, Michigan 48342	Department of Public Works & Utilities (248) 758-3640	Air Release Valve & Butterfly Valve Replacement	Johnson & Anderson 4494 Elizabeth Lake Road Waterford, MI 48328 (248) 681-7800 Mr. William Popp	Removal & replacement of 12 butterfly valves and 9 air release/vacuum valves at various locations.	\$638,800.00	\$526,364.28	May 2010 through October 2012
City of Troy 500 West Big Beaver Troy, Michigan 48084	Mr. Joseph Lietaert Inspector Supervisor (248) 524-3409	Wattles Road Water Main Replacement	Mr. G. Scott Finlay Civil Engineer (248) 524-3386	Installation of 4,000 LF of 8" & 12" DI water main and related appurtenances; 1,300 LF of 14" HDPE directionally drilled water main; removal & replacement of concrete & asphalt pavement, drives and walks; landscape restoration.	\$883,339.00	\$918,839.70	April 2012 through July 2012
City of Birmingham 151 Martin Street Birmingham, Michigan 48012	Mr. Brendan Cousino Assistant City Engineer (248) 530-1850	Graefield Road Paving Project	Mr. Brendan Cousino Assistant City Engineer (248) 530-1850	Installation of 2,500 LF of 8" DI water main and related appurtenances; 2,400 LF of combined & storm sewers; removal & replacement of concrete & asphalt pavement, drives and walks; landscape restoration.	\$1,118,776.00	\$1,073,920.00	June 2012 through August 2012
Charter Township of Redford 12200 Beech Daly Road Redford Township, Michigan 48239	Mr. John Selmi Director of Public Services (313) 387-2641	Phase XI Water Main	George Jerome & Company 28304 Hayes Roseville, Michigan 48066 (586) 774-3000 Mr. Mike Godin	Installation of 12,300 LF of 8" DI water main and related appurtenances; 1,600 LF of 8" TR Flex directionally drilled water main; removal & replacement of concrete & asphalt pavement, drives and walks; landscape restoration.	\$1,650,882.60	\$1,621,522.63	December 2011 through May 2012
City of Troy 500 West Big Beaver Troy, Michigan 48084	Mr. Joseph Lietaert Inspector Supervisor (248) 524-3409	Section 35 Water Main Replacement	Mr. Antonio Cicchetti Civil Engineer (248) 524-3385	Installation of 3,800 LF of 8" & 12" DI water main and related appurtenances; 12,000 LF of 8" & 12" TR Flex directionally drilled water main; removal & replacement of concrete & asphalt pavement, drives and walks; landscape restoration.	\$1,549,084.50	\$1,855,290.48	September through December 2010 and May through October 2011
Village of Dexter 8140 Main Street Dexter, Michigan 48130-1092	Mr. Dan Schlaff Water & Sewer Department (734) 426-4572	2011 DWRF Water Main Upgrades Project	OHM, Inc. 34000 Plymouth Road Livonia, MI 48150 (734) 522-6711 Mr. Rhett Gronevelt	Installation of 7,500 LF of 8" DI water main and related appurtenances; removal & replacement of concrete and asphalt pavement; landscape restoration.	\$1,164,566.50	\$1,180,095.72	September through December 2011
City of Eastpointe 23200 Gratiot Avenue Eastpointe, Michigan 48021	Mr. Greg Brown DPW Superintendent (586) 445-5040	2010-2011 Water Main Replacement Project	Anderson, Eckstein and Westrick, Inc. 51301 Schoenherr Road Shelby Township, MI 48315 (586) 726-1234 Mr. Steve Pangori	Installation of 9,800 LF of 8" & 12" DI water main and related appurtenances; removal & replacement of concrete and asphalt pavement; landscape restoration.	\$1,162,534.50	\$1,208,687.77	March through August 2011
City of Royal Oak 211 Williams Street Royal Oak, Michigan 48068	Mr. William Heil Project Engineer (248) 246-3266	2011 Water Main Improvements	City of Royal Oak Engineering Department	Installation of 2,700 LF of 12" DI water main & appurtenances; removal & replacement of asphalt and concrete pavement.	\$609,532.50	\$602,439.46	August through October 2011

Bricco Excavating Company
 Project References - Public Municipal Work
 2010 - 2016

Owner	Contact	Project	Engineer	Description of Work	Original Contract Amount	Final Contract Amount	Duration
City of Oak Park 13600 Oak Park Blvd Oak Park, Michigan 48237	Ms. Jennifer Wilson Engineering Technician (248) 691-7582	2011 Sewer Project, M-562	City of Oak Park Engineering Department	Removal & replacement of 1,400 LF 12" & 15" sewer main & related appurtenances; removal & replacement of asphalt & concrete pavement.	\$299,340.00	\$181,295.00	August through October 2011
City of Pontiac 47450 Woodward Avenue Pontiac, Michigan 48342	Department of Public Works & Utilities (248) 758-3640	East Blvd WWTP Water System Modification Project	Nowak & Fraus 46777 Woodward Avenue Pontiac, MI 48342 (248) 332-7931 Mr. Chad Finley	Installation of 1,300 LF of 6" DI water main & appurtenances; a new pump & control system in existing well; removal & replacement of asphalt and	\$316,180.00	\$290,773.00	May 2010 through October 2011
City of St. Clair Shores 27600 Jefferson Circle St. Clair Shores, Michigan 48081	Mr. Bryan Babcock Assistant City Engineer (586) 447-3335	Harper Avenue Water Main Replacement Project	Anderson, Eckstein and Westrick, Inc. 51301 Schoenherr Road Shelby Township, Michigan 48315 (586) 726-1234 Mr. John Chown	Installation of 6,500 LF of 20", 12" & 8" DI water main & appurtenances; 1,000 LF of 8" HDPE directionally drilled water main & appurtenances; removal & replacement of concrete & asphalt pavement including drives, approaches and sidewalk.	\$1,195,716.30	\$1,387,046.00	August 2010 through July 2011
Charter Township of White Lake 7525 Highland Road White Lake, Michigan 48383	Mr. Paul Shearlock Water Department Manager (248) 698-3300	M-59 East/Pontiac Lake Road Contract 7 Water Main and Pressure Sewer	Johnson & Anderson 4494 Elizabeth Lake Road Waterford, MI 48328 (248) 681-7800 Mr. Greg Gucwa	Installation of 5,000 LF of 8" & 12" DI water main & appurtenances; 5,200' of 2" & 3" HDPE directional drilled pressure sewer; 8" water meter in vault; removal & replacement of asphalt and concrete pavement.	\$693,618.00	\$729,845.35	June through September 2010
Charter Township of White Lake 7525 Highland Road White Lake, Michigan 48383	Mr. Paul Shearlock Water Department Manager (248) 698-3300	M-59 Mideast Contract 8 Water Main and Pressure Sewer	Johnson & Anderson 4494 Elizabeth Lake Road Waterford, MI 48328 (248) 681-7800 Mr. Greg Gucwa	Installation of 5,800 LF of 8", 12" & 16" DI water main & appurtenances and 2,200 LF of 10" & 14" HDPE directional drilled water main; 2,700' of 2" & 3" HDPE directional drilled pressure sewer; removal & replacement of asphalt and concrete pavement.	\$856,273.00	\$1,005,534.53	April through July 2010

BID
For
EIGHT MILE WATER MAIN
CLUB LANE TO TURNBERRY

Bid of Bricco Excavating Company, LLC hereinafter called Bidder, organized and existing under the laws of or a resident of the State of Michigan, doing business as a limited liability company _____*.

Insert as applicable: "a corporation", "a partnership" or "an individual".

TO THE CITY OF NOVI, MICHIGAN, hereinafter called OWNER:

The undersigned as Bidder hereby declares: that this Bid is made in good faith without fraud or collusion with any person or persons bidding on the same Contract; that the Bidder has read and examined the Advertisement for Bids, Instructions to Bidders, Bid, General Conditions, Supplementary Conditions, Agreement, Forms of Bond, Specifications and Drawings, as prepared by the ENGINEER, and understands all of the same; that the Bidder of its representative has made personal investigation at the site and has become fully familiar with regard to the conditions to be met in the execution of this Contract, and the undersigned proposes to furnish all labor, materials, tools, power, transportation, and construction equipment necessary for the construction of the Project and performing related work in full accordance with the aforesaid Contract Documents, including any and all Addenda officially issued, their receipt of which is hereby acknowledged:

Addendum No.	Addendum Date
_____	_____
_____	_____
_____	_____

The Contract will be awarded to the lowest responsive, responsible Bidder based on the unit prices for all Work specified.

The Bidder agrees to complete the Project for the following unit prices:

Eight Mile Water Main Club Lane to Turnberry:

Item No.	Item Description	Qty	Unit	Unit Price	Total Price
1.	Mobilization	1	LS	\$ 30,000 ⁰⁰	\$ 30,000 ⁰⁰
2.	Pre-construction video	1	LS	\$ 3,000 ⁰⁰	\$ 3,000 ⁰⁰
3.	Clearing and Grubbing	1	LS	\$ 5,000 ⁰⁰	\$ 5,000 ⁰⁰



4.	Soil Erosion and Sedimentation Control	1	LS	\$ 1,600 ⁰⁰	\$ 1,600 ⁰⁰
5.	Asphalt Pavement - Removal	0	SF	\$	\$
6.	Concrete Curb & Gutter - Removal	0	LF	\$	\$
7.	49"x33" Corrugated Metal Pipe - Removal	0	LF	\$	\$
8.	Rip-Rap Removal	0	SY	\$	\$
9.	Concrete Sidewalk - Removal	100	SF	\$ 2 ⁰⁰	\$ 200 ⁰⁰
10.	8" Sanitary Sewer - Removal	0	LF	\$	\$
11.	Catch Basin - Removal	0	EA	\$	\$
12.	Split Rail Fence - Removal	0	LF	\$	\$
13.	12" HDPE Water Main – (Horizontal Directional Drilled)	1214	LF	\$ 86 ⁰⁰	\$ 104,404 ⁰⁰
14.	49"x33" 14 Ga. Corrugated Metal Pipe (Polymer Coated)	0	LF	\$	\$
15.	Flowable Fill Bedding	0	CY	\$	\$
16.	Corrugated Multiple-Inlet End Sections	0	EA	\$	\$
17.	8" Aggregated Base	0	SY	\$	\$
18.	HMA, 3E3	0	Ton	\$	\$
19.	HMA, 5E3	0	Ton	\$	\$
20.	Concrete Curb & Gutter	0	LF	\$	\$
21.	Fire Hydrant Assembly	2	EA	\$ 9,000 ⁰⁰	\$ 18,000 ⁰⁰
22.	Gate Valve & Well	1	EA	\$ 10,000 ⁰⁰	\$ 10,000 ⁰⁰
23.	Concrete Sidewalk	100	SF	\$ 5 ⁰⁰	\$ 500 ⁰⁰
24.	Fencing – 3-Rail PVC	0	LF	\$	\$
25.	Connection To Existing	1	LS	\$ 11,000 ⁰⁰	\$ 11,000 ⁰⁰
26.	Seeding and Mulching (Non-Native Riparian Buffer Area)	1	LS	\$ 800 ⁰⁰	\$ 800 ⁰⁰
27.	Seeding and Mulching (Native Riparian Buffer Area)	1	LS	\$ 800 ⁰⁰	\$ 800 ⁰⁰
28.	Traffic Control	1	LS	\$ 7,400 ⁰⁰	\$ 7,400 ⁰⁰
29.	Crew Days	8	Day	\$640	\$ 5,120 ⁰⁰
TOTAL BASE BID PRICE:				\$ 197,824. ⁰⁰	



If the foregoing Bid shall be accepted by the OWNER, the undersigned agrees to enter into the attached form of Agreement within ten (10) days after receiving notice of such acceptance, will furnish the OWNER satisfactory bonds and certificates of insurance coverage, and will complete the Project, at the price and within the time stated in this Bid.

The undersigned further agrees that if the foregoing Bid shall be accepted, work will commence immediately after the Contract has been awarded, the Agreement executed, and a Notice to Proceed received. **The undersigned shall complete the Work to Substantial Completion within thirty (30) calendar days, and to Final Completion, including restoration and all punch list items, within forty (40) calendar days.**

The undersigned attaches hereto its Bid security, as required by the Advertisement for Bids and Instructions to Bidders. The undersigned agrees that in case it shall fail to fulfill its obligations under the foregoing Bid, and/or shall fail to furnish bonds, as specified, the OWNER may, at its option determine that the undersigned has abandoned its rights and interests in such Contract and that its Bid security accompanying its Bid; has been forfeited to the said OWNER, but otherwise the Bid security shall be returned to the undersigned upon the execution of the Contract and the acceptance of the bonds.

The undersigned also agrees that for each and every calendar day that he may be in default of Substantial Completion of the Work, within the time specified in this Bid, the OWNER will suffer a damage of six hundred dollars (\$600) per day, and said OWNER shall be compensated therefore at the rate as liquidated damages in accordance with the Agreement.

In submitting this Bid, it is understood that the right is reserved by the OWNER to accept any bid, to reject any or all Bids, and to waive irregularities in bidding in the interest of the OWNER.

SUBMITTED on October 13, 2016
Date*

21201 Meyers Road
Street*

Oak Park, Michigan 48237-3201
City, State, ZIP*

248-547-6963
Telephone Number*

248-547-7347
Facsimile Number*

BY: Bricco Excavating Company, LLC
Name of Bidder*


Signature

Marco Banchemo, Managing Partner
Name and Title of Signatory*

*Typed or printed in ink.



THE AMERICAN INSTITUTE OF ARCHITECTS

AIA Document A310 - MODIFIED

Bid Bond

KNOW ALL MEN BY THESE PRESENTS, that we

Bricco Excavating Company, LLC
21201 Meyers Road, Oak Park, MI 48237-3201
as Principal, hereinafter called the Principal, and

(Here insert full name and address or legal title of Contractor)

Travelers Casualty and Surety Company of America
One Tower Square, Hartford, CT 06183-6014
a corporation duly organized under the laws of the State of Connecticut
as Surety, hereinafter called the Surety, are held and firmly bound unto

(Here insert full name and address or legal title of Surety)

City of Novi
45175 W. Ten Mile Road, Novi, MI 48375-3024

(Here insert full name and address or legal title of Owner)

as Obligee, hereinafter called the Obligee, in the sum of

Five Percent (5%) of Amount of Bid Dollars (5%),

for the payment of which sum well and truly to be made, the said Principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has submitted a bid for

Eight Mile Water Main, Club Lane to Turnberry

NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a Contract with the Obligee in accordance with the terms of such bid, and give such bond or bonds as may be specified in such Contract mutually acceptable to the Surety and Obligee ~~with good and sufficient surety for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof, or in the event of the failure of the Principal to enter such Contract and give such bond or bonds, if the Principal shall pay to the Obligee the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the Obligee may in good faith contract with another party to perform the Work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect.~~

Signed and sealed this

13th

day of October, 2016



(Witness)

Bricco Excavating Company, LLC

(Principal)

(Seal)



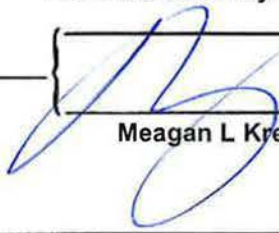
MARCO SANCHEZ (Title) MANAGING PARTNER
Travelers Casualty and Surety Company of America

(Surety)

(Seal)



(Witness)



Meagan L Kress (Title) Attorney-in-Fact



POWER OF ATTORNEY

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company

Attorney-In Fact No. 231301

Certificate No. 006964525

KNOW ALL MEN BY THESE PRESENTS: That Farmington Casualty Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company are corporations duly organized under the laws of the State of Connecticut, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

Ian J. Donald, Jeffrey A. Chandler, Kathleen M. Irelan, Robert Trobec, Alan P. Chandler, Susan L. Small, and Meagan L. Kress

of the City of Troy, State of Michigan, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 1st day of September, 2016.

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company



State of Connecticut
City of Hartford ss.

By: [Signature]
Robert L. Raney, Senior Vice President

On this the 1st day of September, 2016, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal.
My Commission expires the 30th day of June, 2021.



[Signature]
Marie C. Tetreault, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kevin E. Hughes, the undersigned, Assistant Secretary, of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 13th day of October, 2016.


Kevin E. Hughes, Assistant Secretary



To verify the authenticity of this Power of Attorney, call 1-800-421-3880 or contact us at www.travelersbond.com. Please refer to the Attorney-In-Fact number, the above-named individuals and the details of the bond to which the power is attached.