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Director of Finance
FRANK J. BRICHACEK, JR.

Assistant Finance Director
DAWN SNYDER

Engineer
PIETRO A. DI FRANCO, P.E., SI,
LEED AP, CPESC

Building Commissioner

Safety Director
ROBERT M. WEGER

City of Willoughby Hills

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Robert M. Weger, Mayor

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Council Clerk
VICTORIA A. SAVAGE, CMC

Memorandum

TO: Robert Weger - Mayor

FROM: Kevin Trepal, P.E. - Asst. City Engineer
Pietro DiFranco, P.E. - City Engineer

DATE: June 7, 2019

CC: Frank Brichacek - Director of Finance
Mark Grubiss - Service Department Superintendent
James O'Leary - Law Director

RE: Contractor Award Recommendation
2019 Sewer Rehabilitation

Attached please find a tabulation and evaluation of bids received on 6/6/19 for the 2019 Sewer Rehabilitation project. Award is recommended to United Survey, Inc. as the best and lowest bidder in the amount of \$174,498.75, with the following comments:

1. The project was advertised in the News Herald on 5/16/19 and 5/23/19. Invitations to bid were distributed to twelve contractors and bid documents were distributed to The Builder's Exchange and ConstructConnect planrooms. Six contractors purchased bid documents and two contractors submitted bids by the 6/6/19 deadline.
2. The bid of \$174,498.75 received from United Survey, Inc. is $\pm 3.6\%$ below the Engineer's Opinion of Probable Construction Cost of \$180,982.50.
3. United Survey, Inc. fully understands the scope of work and is comfortable with their bid.
4. United Survey, Inc. completed and submitted the Responsible Contracting Questionnaire.
5. United Survey, Inc. has successfully worked with the Cities of Willowick and Willoughby and they currently have a contract with Cuyahoga County.

Feel free to contact me with any questions or comments.

Subject: Bid Tabulation
 Project: 2019 Sewer Rehabilitation
 City: Willoughby Hills, Ohio
 By: Kevin Trepal
 Date: 6/6/2019

| | | ENGINEER'S ESTIMATE | | | | United Survey, Inc. | | | | Lake County Sewer Co., Inc. | | | |
|----------|---------------|--|------|--------|------------|---------------------|------------|--------------|------------|-----------------------------|------------|-------------|--|
| REF. NO. | ITEM NO. | Description | UNIT | QUANT. | UNIT PRICE | TOTAL | UNIT PRICE | TOTAL | UNIT PRICE | TOTAL | UNIT PRICE | TOTAL | |
| 1 | 02741 & 02761 | Sewer Cleaning & Televising (Pre-Rehab), 8" to 10" Dia. | LF | 8000 | \$2.50 | \$20,000.00 | \$2.50 | \$20,000.00 | \$3.50 | \$28,000.00 | | | |
| 2 | 02741 & 02761 | Sewer Cleaning & Televising (Post-Rehab), 8" to 10" Dia. | LF | 4000 | \$2.50 | \$10,000.00 | \$2.50 | \$10,000.00 | \$3.50 | \$14,000.00 | | | |
| 3 | 02741 | Additional Sewer Cleaning: Removal of Hard Deposits & Roots, 8" - 10" Dia. | LF | 800 | \$5.00 | \$4,000.00 | \$1.00 | \$800.00 | \$3.50 | \$2,800.00 | | | |
| 4 | 06825 | Manhole Rehabilitation | VF | 200 | \$180.00 | \$36,000.00 | \$135.00 | \$27,000.00 | \$195.00 | \$39,000.00 | | | |
| 5 | 06524 | Pressure Testing & Mechanical Grouting of Pipe Joints for Mainline Sewer 8" to 10" | EA | 500 | \$51.00 | \$25,500.00 | \$34.00 | \$17,000.00 | \$50.00 | \$25,000.00 | | | |
| 6 | 06524 | Pressure Testing & Mechanical Grouting of Lateral Joints 4"-6" Dia. for an 8" to 10" | EA | 67 | \$350.00 | \$23,450.00 | \$550.00 | | \$275.00 | | | | |
| 7 | 06524 | Mainline 4' up From Main Chemical Grout Material | GAL | 1500 | \$10.00 | \$15,000.00 | \$12.50 | \$18,750.00 | \$6.00 | \$9,000.00 | | \$18,425.00 | |
| 8 | 06650 | Lining of Sewer Main, 8" Dia. (CIPP) | LF | 400 | \$30.00 | \$12,000.00 | \$34.00 | \$13,600.00 | \$28.00 | \$11,200.00 | | | |
| 9 | 06650 | Lining of Sewer Main, 10" Dia. (CIPP) | LF | 400 | \$35.00 | \$14,000.00 | \$37.00 | \$14,800.00 | \$28.00 | \$11,200.00 | | | |
| 10 | 06650 | Post-Lining Sewer Lateral Reinforcements, All Sizes | EA | 67 | \$100.00 | \$6,700.00 | \$25.00 | \$1,675.00 | \$75.00 | \$5,025.00 | | | |
| 11 | SPCL | Contingency, 5% | LS | 1 | \$8,332.50 | \$8,332.50 | \$8,023.75 | \$8,023.75 | \$8,182.50 | \$8,182.50 | | | |
| 12 | SPCL | Construction Observation (Allowance) | LS | 1 | \$6,000.00 | \$6,000.00 | \$6,000.00 | \$6,000.00 | \$6,000.00 | \$6,000.00 | | | |
| | | | | | | \$180,982.50 | | \$174,498.75 | | \$177,832.50 | | | |

City of Willoughby Hills Bid Evaluation Form

Project:
 2019 Sewer Rehabilitation

Date: 6/6/19
 (Bid Opening Date: 06/06/19 @ 11:30 AM)

| No. | Bidders | Form | | | BQ | NC Affidavit | DTA | | Addendums | Preliminary Const. Sched. | AOS Findings for Recovery* | Bid Amount (BASE) | Earliest Start Date | Consecutive Days to Completion |
|--|-----------------------------|------|---|---|----|--------------|-----|---|-----------|---------------------------|----------------------------|-------------------|---------------------|--------------------------------|
| | | X | X | X | | | X | | | | | | | |
| 1 | United Survey, Inc. | X | X | X | X | X | X | 1 | - | X | \$174,498.75 | NTP+10 | 90 Days | |
| 2 | Lake County Sewer Co., Inc. | X | X | X | X | X | X | 1 | - | X | \$177,832.50 | 07/01/19 | 90 Days | |
| Engineer's Opinion of Probable Construction Cost | | | | | | | | | | | | \$180,982.50 | | |

* Auditor of State (AOS) Findings of Recovery confirmation only required per ORC section 9.24 for municipal projects receiving state or federal funding.

Reference Checks:

- 1 I spoke to John Story with the City of Grand Island, NY. He has used them several times on projects as large as ±2,000,000. He said they are easy to work with and they've never had any issues.
- 2 I spoke to Tim Lannon with the City of Willowick, OH. He has used them before and prefers them over any of the other sewer rehab companies.

Contractor Phone Interview:

I spoke to Joseph Tartabini, Jr., President. He understand the scope and is comfortable with their bid. They perform this type of cleaning/tv, recommendations, and rehabilitation process regularly. They can work in the summer or winter as long as temperatures are above freezing. Once the cleaning/tv work is complete he should have the rehab recommendations report prepared within a few weeks. They currently have a 2 year sewer rehab contract with Cuyahoga County so they are very familiar with the specifications.

Recommendation:

I, Kevin Trepal, P.E., Asst. City Engineer, recommend to the Mayor/Service Director award of the above referenced project to United Survey, Inc., with the lowest and best bid of \$174,498.75.