



## UTILITIES DEPARTMENT

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### MEMORANDUM

**TO:** Merry Celeste, CPPB, Division Director, Purchasing and Risk Management Division

**THRU:** Jeremy Waugh, PE, Director, Utilities

**FROM:** Susan Goebel-Canning, PE, Planning & Project Management Division Director, Utilities

**SUBJECT:** Department Recommendation of Award

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**DATE:** January 05, 2026

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#### **Department Analysis:**

A total of three (3) bids were received for the Duhme Road Force Main Replacement Project (BID No. 25-0675-ITB-C).

The bids received were provided to Halff, the Engineer of Record (EOR), for confirmation and bid recommendation. The EOR has confirmed that the low bidder is an acceptable contractor for this project.

The low bid of \$2,850,000.00 was received from **Accurate Drilling System** and is approximately 9.14% lower than the EOR's Opinion of Probable Construction Costs of \$ 3,136,813.33.

Utilities Engineering recommends the bid award of the contract to **Accurate Drilling System** in the amount of \$2,850,000.00 for County Project: PID 005584C.

#### **Project Purpose:**

The purpose of this project is to replace approximately 3,800 linear feet of existing 20-inch diameter PCCP force main pipe with new 20-inch diameter PVC force main pipe on Duhme Road from the intersection of American Legions Drive and Duhme Road to 53rd Avenue North, and all related appurtenances to complete the project.

#### **Project Background:**

On going program to replace all remaining concrete force mains through the County's sewer system to PVC. Other segments of the prestressed concrete pipe have failed twice in other areas, resulting in significant sanitary sewer overflows (SSOs). The County's goal is to replace all other existing segments of prestressed concrete pipe with PVC pipe along this entire force main.

#### **Projected Fiscal Impact:**

Estimated two (2) fiscal years (FY27 and FY28) expenditure not to exceed: \$2,850,000.00

**Attachments:**  
Tabulation of Bids

Duhme Road 20-inch Force Main Replacement from 53rd Avenue N to American Legion Drive  
 PID NO. 005584C  
 Contract No. 25-0675-ITB-C

				Estimate		Accurate Drilling Systems, Inc.		% Difference from Engineering Estimate	Cacique Utilities LLC		% Difference from Engineering Estimate	Kamminga & Roodvoets, Inc.		% Difference from Engineering Estimate
Pay Item No.	Description	Quantity	Unit	Unit Price	Amount	Unit Price	Amount		Unit Price	Amount		Unit Price	Amount	
<b>MISC</b>														
005-0700	SURVEY, CONSTRUCTION LAYOUT	1	LS	\$20,000.00	\$ 20,000.00	\$9,000.00	\$ 9,000.00	-55.00%	\$75,000.00	\$ 75,000.00	275.00%	\$15,000.00	\$ 15,000.00	-25.00%
005-0850	SURVEY, PERMITTING AS-BUILT REQUIREMENTS	1	LS	\$15,000.00	\$ 15,000.00	\$7,100.00	\$ 7,100.00	-52.67%	\$75,000.00	\$ 75,000.00	400.00%	\$5,000.00	\$ 5,000.00	-66.67%
101-0100	Mobilization	1	LS	\$154,834.23	\$ 154,834.23	\$184,973.50	\$ 184,973.50	19.47%	\$125,000.00	\$ 125,000.00	-19.27%	\$386,000.00	\$ 386,000.00	149.30%
102-1000	Maintenance of Traffic	1	LS	\$265,430.10	\$ 265,430.10	\$200,000.00	\$ 200,000.00	-24.65%	\$125,000.00	\$ 125,000.00	-52.91%	\$428,500.00	\$ 428,500.00	61.44%
104-1	Prevention, Control and Abatement of Erosion & Water Pollution	1	LS	\$25,000.00	\$ 25,000.00	\$14,000.00	\$ 14,000.00	-44.00%	\$50,000.00	\$ 50,000.00	100.00%	\$31,000.00	\$ 31,000.00	24.00%
	<b>MISC SUBTOTAL</b>				<b>\$ 480,264.33</b>		<b>\$ 415,073.50</b>	<b>-13.57%</b>		<b>\$ 450,000.00</b>	<b>-6.30%</b>		<b>\$ 865,500.00</b>	<b>80.21%</b>
<b>PROPOSED IMPROVEMENTS</b>														
120-0020	Excavation, Unsuitable Material	204	CY	\$70.00	\$ 14,280.00	\$171.00	\$ 34,884.00	144.29%	\$25.00	\$ 5,100.00	-64.29%	\$132.00	\$ 26,928.00	88.57%
121-1000	Flowable Concrete Fill	306	CY	\$300.00	\$ 91,800.00	\$364.00	\$ 111,384.00	21.33%	\$280.00	\$ 85,680.00	-6.67%	\$1,185.00	\$ 362,610.00	295.00%
200-1000	ROADWAY BASE, Crushed Concrete, Primed, Min. LBR 150, Variable Thickness	736	CY	\$160.00	\$ 117,760.00	\$124.00	\$ 91,264.00	-22.50%	\$70.00	\$ 51,520.00	-56.25%	\$124.00	\$ 91,264.00	-22.50%
334-3095-000	SUPERPAVE ASPHALT CONCRETE, Type SP 9.5, Fine, Traffic Level C, Variable Thickness	373	TN	\$290.00	\$ 108,170.00	\$199.00	\$ 74,227.00	-31.38%	\$200.00	\$ 74,600.00	-31.03%	\$442.00	\$ 164,866.00	52.41%
380-2200	MILLING EXISTING ASPHALT PAVEMENT, 2" Average Depth	2210	SY	\$20.00	\$ 44,200.00	\$7.00	\$ 15,470.00	-65.00%	\$10.00	\$ 22,100.00	-50.00%	\$55.00	\$ 121,550.00	175.00%
520-1000-1000	CURB & GUTTER, Concrete, FDOT Type F	141	LF	\$8.00	\$ 1,128.00	\$81.00	\$ 11,421.00	912.50%	\$50.00	\$ 7,050.00	525.00%	\$93.00	\$ 13,113.00	1062.50%
520-1315-1000	VALLEY GUTTER, Concrete, PCED Index 1315	90	LF	\$58.00	\$ 5,220.00	\$97.00	\$ 8,730.00	67.24%	\$60.00	\$ 5,400.00	3.45%	\$100.00	\$ 9,000.00	72.41%
522-1006	SIDEWALK, CONCRETE, 6" Min. Thickness, Remove and Replace	50	SF	\$18.00	\$ 900.00	\$117.00	\$ 5,850.00	550.00%	\$200.00	\$ 10,000.00	1011.11%	\$39.00	\$ 1,950.00	116.67%
575-0108	SODDING, In-kind	25	SY	\$8.00	\$ 200.00	\$103.00	\$ 2,575.00	1187.50%	\$50.00	\$ 1,250.00	525.00%	\$30.00	\$ 750.00	275.00%
705-710	Permanent, Temporary Striping & Delineation System	1	LS	\$70,000.00	\$ 70,000.00	\$34,000.00	\$ 34,000.00	-51.43%	\$50,000.00	\$ 50,000.00	-28.57%	\$35,000.00	\$ 35,000.00	-50.00%
800-2100	Sheeting & Bracing	2348	SF	\$40.00	\$ 93,920.00	\$31.00	\$ 72,788.00	-22.50%	\$20.00	\$ 46,960.00	-50.00%	\$6.00	\$ 14,088.00	-85.00%
900-0100	Signs - Project Identification	3	EA	\$450.00	\$ 1,350.00	\$1,100.00	\$ 3,300.00	144.44%	\$2,000.00	\$ 6,000.00	344.44%	\$1,000.00	\$ 3,000.00	122.22%
PW-331101-316-0001	Bollards (Fire Hydrant and Backflow Guards)	8	EA	\$1,200.00	\$ 9,600.00	\$1,800.00	\$ 14,400.00	50.00%	\$1,000.00	\$ 8,000.00	-16.67%	\$1,000.00	\$ 8,000.00	-16.67%
SS-330521-202-20FP18	20" Directional Drill Fusible PVC Pipe, C-900 DR 18	3325	LF	\$417.50	\$ 1,388,187.50	\$341.00	\$ 1,133,825.00	-18.32%	\$450.00	\$ 1,496,250.00	7.78%	\$430.00	\$ 1,429,750.00	2.99%
SS-333400-105-92024	Disconnect and Plug 20" or 24" Pipe	2	EA	\$5,000.00	\$ 10,000.00	\$14,000.00	\$ 28,000.00	180.00%	\$25,000.00	\$ 50,000.00	400.00%	\$10,000.00	\$ 20,000.00	100.00%
PW-331101-304-6PRJ18	Relocate Existing 6" Water Main, C-900 DR18	61	LF	\$100.00	\$ 6,100.00	\$205.00	\$ 12,505.00	105.00%	\$100.00	\$ 6,100.00	0.00%	\$263.00	\$ 16,043.00	163.00%
SS-333400-304-12PRJ18	12" PVC Restrained Joint Pipe & Fittings FM, C-900 DR 18	10	LF	\$125.00	\$ 1,250.00	\$1,350.00	\$ 13,500.00	980.00%	\$200.00	\$ 2,000.00	60.00%	\$1,100.00	\$ 11,000.00	780.00%
SS-333400-304-20PRJ18	20" PVC Restrained Joint Pipe & Fittings, C-900 DR 18 (Force Main)	470	LF	\$210.00	\$ 98,700.00	\$230.00	\$ 108,100.00	9.52%	\$500.00	\$ 235,000.00	138.10%	\$335.00	\$ 157,450.00	59.52%
SS-333400-310-12PV	12" Plug Valve	1	EA	\$8,000.00	\$ 8,000.00	\$10,400.00	\$ 10,400.00	30.00%	\$12,000.00	\$ 12,000.00	50.00%	\$9,500.00	\$ 9,500.00	18.75%
SS-333400-309-C153	DI Fittings C153 (Compact Body)	6.08	TN	\$20,000.00	\$ 121,600.00	\$24,000.00	\$ 145,920.00	20.00%	\$12,000.00	\$ 72,960.00	-40.00%	\$25,000.00	\$ 152,000.00	25.00%
SS-333400-310-08AROS	Air Release Assembly (Offset)	2	EA	\$10,900.00	\$ 21,800.00	\$30,000.00	\$ 60,000.00	175.23%	\$20,000.00	\$ 40,000.00	83.49%	\$29,000.00	\$ 58,000.00	166.06%
	<b>PROPOSED IMPROVEMENTS SUBTOTAL</b>				<b>\$ 2,214,165.50</b>		<b>\$ 1,992,543.00</b>	<b>-10.01%</b>		<b>\$ 2,287,970.00</b>	<b>3.33%</b>		<b>\$ 2,705,862.00</b>	<b>22.21%</b>
<b>UNSPECIFIED WORK</b>														
9999-1001	UNSPECIFIED WORK	442,383.50	EA	\$1.00	\$ 442,383.50	\$1.00	\$ 442,383.50	0.00%	\$1.00	\$ 442,383.50	0.00%	\$1.00	\$ 442,383.50	0.00%
				<b>BID TOTAL</b>	<b>\$ 3,136,813.33</b>		<b>\$ 2,850,000.00</b>	<b>-9.14%</b>		<b>\$ 3,180,353.50</b>	<b>1.39%</b>		<b>\$ 4,013,745.50</b>	<b>27.96%</b>