

## COUNCIL WORKSHOP ITEM

<b>ITEM:</b>	2002 WATER MAIN IMPROVEMENTS – PROJECT #04-02		
<b>DATE:</b>	April 11, 2002		
<b>PREPARED BY:</b>	John J. Bajor, Jr., Director of Public Works Scott A Vasko, Staff Engineer, Public Works		
<b>PURPOSE:</b>	To award bid and authorize execution of a contract for the construction of the proposed 2002 Water Main Improvements, Project #04-02		
<b>BID AMOUNT:</b>	<b>\$666,243.35</b>	<b>ACCOUNT:</b>	481.551.0000.5711
<b>BUDGET AMOUNT:</b>	<b>\$1,030,000</b>		

### DISCUSSION:

The 2002 Water Main Improvements consists of the replacement of approximately 5700 linear feet of six (6) inch water main, as well as water services, fire hydrants, and valves. The work will take place in the following areas: Glendenning Road from Ogden Avenue to 36<sup>th</sup> Street; 37<sup>th</sup> Street from Glendenning Road to Woodland Lane; and Woodland Lane from 37<sup>th</sup> Street to 36<sup>th</sup> Street.

Sealed bids from contractors were opened on Wednesday, April 10, 2002 at 10:00 a.m. Ten (10) bids were received. The low bid was submitted by Infrastructure Construction Services in the amount of \$666,243.35. This low bid amount is approximately 33 percent below the Engineer's Estimate of \$998,713.50. The median bid amount for all bids received is \$809,461.96 or approximately 19 percent below the Engineer's Estimate. See attached tabulation of bids. The total bid amounts are as follows:

<u>CONTRACTOR</u>	<u>BID AMOUNT</u>
Petrovic Construction Company Inc. Channahon, Illinois	\$954,931.75
Nibco Construction Concepts Joliet, Illinois	\$926,838.00
Hardin Underground Wheeling, Illinois	\$909,918.45
Gerardi Sewer & Water Co. Norridge, Illinois	\$839,454.30
Martam Construction Elgin, Illinois	\$824,582.00

**CONTRACTOR**

**BID AMOUNT**

J. Congdon Sewer Service  
Carol Stream, Illinois

\$772,776.80

S. Schroeder Trucking, Inc  
Elmhurst, IL

\$759,347.00

Swallow Construction  
Downers Grove, Illinois

\$735,661.00

Vian Construction  
Elk Grove Village, Illinois

\$703,166.90

Infrastructure Construction Service  
Addison, Illinois

\$666,243.35

The low bidder, Infrastructure Construction Services, has submitted a proposal in conformance with the bid directions. A list of references was checked with favorable reviews for similar work done. The reference list includes the Village of Lake Bluff, the Village of Itasca, and the Village of Libertyville. Each of these references was contacted with each one giving favorable reviews.

**ATTACHMENT:**

A tabulation of all bids received.

A complete contract with Proposal and Bid Bond

**RECOMMENDATION:**

Place award of the contract and authorize execution of the contract documents for the construction of the 2002 Water Main Improvements to Infrastructure Construction Services in the not to exceed amount of \$666,243.35 plus a 10 percent contingency of \$66,624.34 on the May 7, 2002 Council Agenda. Funding for this project was planned for in the Capital Improvement Plan in account 481.551.0000.5711.

VILLAGE OF DOWNERS GROVE  
DEPARTMENT OF PUBLIC WORKS  
2002 WATER MAIN IMPROVEMENTS  
PROJECT 04-02  
APRIL 10, 2002 10:00 AM

Bid Tabulation

	Item Description	Engineer's Estimate			Infrastructure Const. Services			Vian Construction		
		Unit	Qty	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	
1	Construction Staking & Record Drawings	1	L SUM	\$10,000.00	\$10,000.00	\$3,000.00	\$3,000.00	\$9,785.00	\$9,785.00	
2	Traffic Control	1	LSUM	\$20,000.00	\$20,000.00	\$8,500.00	\$8,500.00	\$2,600.00	\$2,600.00	
3	Silt Fence	1,000	LN FT	\$10.00	\$10,000.00	\$1.50	\$1,500.00	\$1.00	\$1,000.00	
4	Exploratory Excavation	5	EACH	\$500.00	\$2,500.00	\$250.00	\$1,250.00	\$200.00	\$1,000.00	
5	Calcium Chloride - Applied	10	TON	\$150.00	\$1,500.00	\$300.00	\$3,000.00	\$480.00	\$4,800.00	
6	Selected Granular Backfill	2,883	CU YD	\$25.00	\$72,075.00	\$13.50	\$38,920.50	\$15.00	\$43,245.00	
7	Temporary Surface - Aggregate (CA-6) - 8"	3,805	SQ YD	\$8.00	\$30,440.00	\$4.15	\$15,790.75	\$9.00	\$34,245.00	
8	Temporary Surface - Bituminous - (4"4")	2,845	SQ YD	\$22.00	\$62,590.00	\$9.50	\$27,027.50	\$9.00	\$25,605.00	
9	Bituminous Surface Course - 2"	3,700	SQ YD	\$10.00	\$37,000.00	\$10.65	\$39,405.00	\$9.00	\$33,300.00	
10	Bituminous Base Course - 6"	2,845	SQ YD	\$40.00	\$113,800.00	\$16.25	\$46,231.25	\$28.00	\$79,660.00	
11	Bituminous Surface Removal - 2"	1,212	SQ YD	\$2.00	\$2,424.00	\$2.00	\$2,424.00	\$13.00	\$15,756.00	
12	Aggregate Shoulder, Type B, 6"	882	SQ YD	\$6.00	\$5,292.00	\$9.05	\$7,982.10	\$12.50	\$11,025.00	
13	Bit. Driveway Rem. & Repl. - 3"	806	SQ YD	\$30.00	\$24,180.00	\$19.00	\$15,314.00	\$26.25	\$21,157.50	
14	Agg. Driveway Rem. & Bit. Driveway Repl. - 3"	39	SQ YD	\$25.00	\$975.00	\$3.75	\$146.25	\$27.00	\$1,053.00	
15	P.C.C. Driveway Rem. & Repl. - 5"	50	SQ FT	\$50.00	\$2,500.00	\$4.40	\$220.00	\$8.00	\$400.00	
16	P.C.C. Sidewalk Rem. & Repl. - 5"	195	SQ FT	\$6.00	\$1,170.00	\$5.00	\$975.00	\$6.00	\$1,170.00	
17	Parkway Restoration, Hydroseed	3,353	SQ YD	\$5.00	\$16,765.00	\$3.00	\$10,059.00	\$3.00	\$10,059.00	
18	Sanitary Service Reconnection	46	EACH	\$450.00	\$20,700.00	\$125.00	\$5,762.50	\$130.00	\$5,990.00	
19	Culvert Removal and Replacement, 12"	98	LN FT	\$20.00	\$1,960.00	\$23.25	\$2,278.50	\$29.00	\$2,842.00	
20	Culvert Removal and Replacement, 15"	50	LN FT	\$25.00	\$1,250.00	\$25.90	\$1,295.00	\$30.00	\$1,500.00	
21	Culvert Removal and Replacement, 18"	50	LN FT	\$30.00	\$1,500.00	\$28.00	\$1,400.00	\$31.00	\$1,550.00	
22	Type A Inlet w/Type 8 Grate	2	EACH	\$1,000.00	\$2,000.00	\$750.00	\$1,500.00	\$480.00	\$960.00	
23	Storm Sewer, PVC, SDR-26, 12"	350	LN FT	\$45.00	\$15,750.00	\$28.57	\$9,999.50	\$27.00	\$9,450.00	
24	Drainage Structure Removal - Inlet	1	EACH	\$200.00	\$200.00	\$150.00	\$150.00	\$100.00	\$100.00	
25	Ductile Iron Water Main Pipe (6")	4,788	LN FT	\$35.00	\$167,580.00	\$43.00	\$205,884.00	\$29.00	\$138,852.00	
26	Ductile Iron Water Main Pipe (8")	30	LN FT	\$40.00	\$1,200.00	\$25.20	\$756.00	\$43.00	\$1,290.00	
27	Ductile Iron Water Main Pipe (12")	30	LN FT	\$45.00	\$1,350.00	\$32.70	\$981.00	\$50.00	\$1,500.00	
28	Polyethylene Encasement (6")	5,706	LN FT	\$1.25	\$7,132.50	\$0.25	\$1,426.50	\$0.50	\$2,853.00	
29	Polyethylene Encasement (8")	30	LN FT	\$1.50	\$45.00	\$0.50	\$15.00	\$1.00	\$30.00	
30	Polyethylene Encasement (12")	30	LN FT	\$1.50	\$45.00	\$1.00	\$30.00	\$1.00	\$30.00	
31	Fittings	5,940	POUNDS	\$3.50	\$20,790.00	\$2.30	\$13,662.00	\$2.41	\$14,315.40	
32	Water Main Pipe Augered - 6"	638	LN FT	\$100.00	\$63,800.00	\$56.25	\$35,887.50	\$61.00	\$38,918.00	
33	Water Main Pipe in Steel Casing, Augered, 6"	40	LN FT	\$170.00	\$6,800.00	\$88.95	\$3,558.00	\$110.00	\$4,400.00	
34	Water Main Pipe in Steel Casing, Open Cut, 6"	240	LN FT	\$100.00	\$24,000.00	\$38.00	\$9,120.00	\$32.00	\$7,680.00	
35	Abandonment of Old Water Main	1	LSUM	\$10,000.00	\$10,000.00	\$2,095.00	\$2,095.00	\$6,600.00	\$6,600.00	
36	Water Service, 1", Short	31	EACH	\$600.00	\$18,600.00	\$360.00	\$11,160.00	\$500.00	\$15,500.00	
37	Water Service, Augered, 1", Short	6	EACH	\$1,200.00	\$7,200.00	\$475.00	\$2,850.00	\$600.00	\$3,600.00	

VILLAGE OF DOWNERS GROVE  
 DEPARTMENT OF PUBLIC WORKS  
 2002 WATER MAIN IMPROVEMENTS  
 PROJECT 04-02  
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Bid Tabulation

	Item Description	Unit	Qty	Engineer's Estimate		Infrastructure Const. Services		Vian Construction	
				Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
38	Water Service, 1" Short, Encased PVC Casing	11 EACH		\$800.00	\$8,800.00	\$380.00	\$4,180.00	\$600.00	\$6,600.00
39	Water Service, Augered, 1" Long	10 EACH		\$1,500.00	\$15,000.00	\$700.00	\$7,000.00	\$900.00	\$9,000.00
40	Water Service, Augered, 1" Long, Encased PVC Casing	24 EACH		\$1,900.00	\$45,600.00	\$800.00	\$19,200.00	\$1,100.00	\$26,400.00
41	Water Service 1 1/2"	5 EACH		\$1,200.00	\$6,000.00	\$500.00	\$2,500.00	\$800.00	\$4,000.00
42	Water Service 2"	5 EACH		\$1,500.00	\$7,500.00	\$575.00	\$2,875.00	\$800.00	\$4,000.00
43	Resilient - Seated Gate Valve (6"), in 4' Vault	16 EACH		\$2,000.00	\$32,000.00	\$1,400.00	\$22,400.00	\$1,316.00	\$21,056.00
44	Side-Tapping Resilient-Seated Gate Valve (6"), in 5' Vault	2 EACH		\$4,000.00	\$8,000.00	\$2,675.00	\$5,350.00	\$2,800.00	\$5,600.00
45	Line Stop Existing Main, 6"	5 EACH		\$3,000.00	\$15,000.00	\$3,300.00	\$16,500.00	\$3,100.00	\$15,500.00
46	Line Stop Existing Main, 8"	2 EACH		\$3,500.00	\$7,000.00	\$3,300.00	\$6,600.00	\$3,300.00	\$6,600.00
47	Line Stop Existing Main, 12"	2 EACH		\$4,000.00	\$8,000.00	\$4,247.50	\$8,495.00	\$5,200.00	\$10,400.00
48	Fire Hydrant with Auxiliary Valve	20 EACH		\$2,500.00	\$50,000.00	\$1,700.00	\$34,000.00	\$1,900.00	\$38,000.00
49	Fire Hydrant Removal	10 EACH		\$350.00	\$3,500.00	\$200.00	\$2,000.00	\$100.00	\$1,000.00
50	Connection to Existing Water Main	6 EACH		\$1,200.00	\$7,200.00	\$600.00	\$3,600.00	\$200.00	\$1,200.00
<b>Totals</b>					\$998,713.50		\$666,243.35		\$703,166.90

bids as read

\$666,243.35

\$703,166.90

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Bid Tabulation

	Item Description	Engineer's Estimate		Swallow Construction		Schroeder Trucking			
		Unit	Qty	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
1	Construction Staking & Record Drawings	1	L SUM	\$10,000.00	\$10,000.00	\$2,000.00	\$2,000.00	\$24,000.00	\$24,000.00
2	Traffic Control	1	LSUM	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$14,000.00	\$14,000.00
3	Silt Fence	1,000	LIN FT	\$10.00	\$10,000.00	\$2.50	\$2,500.00	\$2.00	\$2,000.00
4	Exploratory Excavation	5	EACH	\$500.00	\$2,500.00	\$600.00	\$3,000.00	\$1,400.00	\$7,000.00
5	Calcium Chloride - Applied	10	TON	\$150.00	\$1,500.00	\$50.00	\$500.00	\$50.00	\$500.00
6	Selected Granular Backfill	2,883	CU YD	\$25.00	\$72,075.00	\$24.00	\$69,192.00	\$20.00	\$57,660.00
7	Temporary Surface - Aggregate (CA-6) - 8"	3,805	SQ YD	\$8.00	\$30,440.00	\$6.00	\$22,830.00	\$6.00	\$22,830.00
8	Temporary Surface - Bituminous - (4"/4")	2,845	SQ YD	\$22.00	\$62,590.00	\$8.00	\$22,760.00	\$11.00	\$31,295.00
9	Bituminous Surface Course - 2"	3,700	SQ YD	\$10.00	\$37,000.00	\$8.00	\$29,600.00	\$6.75	\$24,975.00
10	Bituminous Base Course - 6"	2,845	SQ YD	\$40.00	\$113,800.00	\$19.00	\$54,055.00	\$20.00	\$56,900.00
11	Bituminous Surface Removal - 2"	1,212	SQ YD	\$2.00	\$2,424.00	\$4.00	\$4,848.00	\$7.00	\$8,484.00
12	Aggregate Shoulder, Type B, 6"	882	SQ YD	\$6.00	\$5,292.00	\$7.00	\$6,174.00	\$8.00	\$7,056.00
13	Bit. Driveway Rem. & Repl. - 3"	806	SQ YD	\$30.00	\$24,180.00	\$20.00	\$16,120.00	\$19.50	\$15,717.00
14	Agg. Driveway Rem. & Bit. Driveway Repl. - 3"	39	SQ YD	\$25.00	\$975.00	\$16.00	\$624.00	\$5.00	\$195.00
15	P.C.C. Driveway Rem. & Repl. - 5"	50	SQ FT	\$50.00	\$2,500.00	\$41.00	\$2,050.00	\$9.00	\$450.00
16	P.C.C. Sidewalk Rem. & Repl. - 5"	195	SQ FT	\$6.00	\$1,170.00	\$6.00	\$1,170.00	\$9.00	\$1,755.00
17	Parkway Restoration, Hydroseed	3,353	SQ YD	\$5.00	\$16,765.00	\$4.00	\$13,412.00	\$3.50	\$11,735.50
18	Sanitary Service Reconnection	46	EACH	\$450.00	\$20,700.00	\$160.00	\$7,360.00	\$750.00	\$34,500.00
19	Culvert Removal and Replacement, 12"	98	LIN FT	\$20.00	\$1,960.00	\$28.00	\$2,744.00	\$40.00	\$3,920.00
20	Culvert Removal and Replacement, 15"	50	LIN FT	\$25.00	\$1,250.00	\$31.00	\$1,550.00	\$44.00	\$2,200.00
21	Culvert Removal and Replacement, 18"	50	LIN FT	\$30.00	\$1,500.00	\$33.00	\$1,650.00	\$48.00	\$2,400.00
22	Type A Inlet w/Type 8 Grate	2	EACH	\$1,000.00	\$2,000.00	\$750.00	\$1,500.00	\$1,500.00	\$3,000.00
23	Storm Sewer, PVC, SDR-26, 12"	350	LIN FT	\$45.00	\$15,750.00	\$29.00	\$10,150.00	\$28.00	\$9,800.00
24	Drainage Structure Removal - Inlet	1	EACH	\$200.00	\$200.00	\$150.00	\$150.00	\$500.00	\$500.00
25	Ductile Iron Water Main Pipe (6")	4,788	LIN FT	\$35.00	\$167,580.00	\$32.00	\$153,216.00	\$23.00	\$110,124.00
26	Ductile Iron Water Main Pipe (8")	30	LIN FT	\$40.00	\$1,200.00	\$40.00	\$1,200.00	\$24.00	\$720.00
27	Ductile Iron Water Main Pipe (12")	30	LIN FT	\$45.00	\$1,350.00	\$46.00	\$1,380.00	\$40.00	\$1,200.00
28	Polyethylene Encasement (6")	5,706	LIN FT	\$1.25	\$7,132.50	\$1.00	\$5,706.00	\$0.50	\$2,853.00
29	Polyethylene Encasement (8")	30	LIN FT	\$1.50	\$45.00	\$1.00	\$30.00	\$0.75	\$22.50
30	Polyethylene Encasement (12")	30	LIN FT	\$1.50	\$45.00	\$1.00	\$30.00	\$1.00	\$30.00
31	Fittings	5,940	POUNDS	\$3.50	\$20,790.00	\$3.00	\$17,820.00	\$3.00	\$17,820.00
32	Water Main Pipe Augered - 6"	638	LIN FT	\$100.00	\$63,800.00	\$45.00	\$28,710.00	\$85.00	\$54,230.00
33	Water Main Pipe in Steel Casing, Augered, 6"	40	LIN FT	\$170.00	\$6,800.00	\$145.00	\$5,800.00	\$150.00	\$6,000.00
34	Water Main Pipe in Steel Casing, Open Cut, 6"	240	LIN FT	\$100.00	\$24,000.00	\$52.00	\$12,480.00	\$55.00	\$13,200.00
35	Abandonment of Old Water Main	1	L SUM	\$10,000.00	\$10,000.00	\$600.00	\$600.00	\$5,000.00	\$5,000.00
36	Water Service, 1", Short	31	EACH	\$600.00	\$18,600.00	\$350.00	\$10,850.00	\$525.00	\$16,275.00
37	Water Service, Augered, 1", Short	6	EACH	\$1,200.00	\$7,200.00	\$550.00	\$3,300.00	\$1,000.00	\$6,000.00

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Bid Tabulation

	Item Description	Unit	Qty	Engineer's Estimate		Swallow Construction		Schroeder Trucking	
				Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
38	Water Service, 1" Short, Encased PVC Casing	11 EACH		\$800.00	\$8,800.00	\$400.00	\$4,400.00	\$800.00	\$8,800.00
39	Water Service, Augered, 1", Long	10 EACH		\$1,500.00	\$15,000.00	\$950.00	\$9,500.00	\$1,200.00	\$12,000.00
40	Water Service, Augered, 1" Long, Encased PVC Casing	24 EACH		\$1,900.00	\$45,600.00	\$900.00	\$21,600.00	\$1,500.00	\$36,000.00
41	Water Service 1 1/2"	5 EACH		\$1,200.00	\$6,000.00	\$1,200.00	\$6,000.00	\$900.00	\$4,500.00
42	Water Service 2"	5 EACH		\$1,500.00	\$7,500.00	\$1,500.00	\$7,500.00	\$1,000.00	\$5,000.00
43	Resilient - Seated Gate Valve (6"), in 4' Vault	16 EACH		\$2,000.00	\$32,000.00	\$1,800.00	\$28,800.00	\$1,900.00	\$30,400.00
44	Side-Tapping Resilient-Seated Gate Valve (6"), in 5' Vault	2 EACH		\$4,000.00	\$8,000.00	\$2,800.00	\$5,600.00	\$2,500.00	\$5,000.00
45	Line Stop Existing Main, 6"	5 EACH		\$3,000.00	\$15,000.00	\$3,500.00	\$17,500.00	\$2,600.00	\$13,000.00
46	Line Stop Existing Main, 8"	2 EACH		\$3,500.00	\$7,000.00	\$3,950.00	\$7,900.00	\$3,000.00	\$6,000.00
47	Line Stop Existing Main, 12"	2 EACH		\$4,000.00	\$8,000.00	\$4,800.00	\$9,600.00	\$4,500.00	\$9,000.00
48	Fire Hydrant with Auxiliary Valve	20 EACH		\$2,500.00	\$50,000.00	\$3,500.00	\$70,000.00	\$2,300.00	\$46,000.00
49	Fire Hydrant Removal	10 EACH		\$350.00	\$3,500.00	\$300.00	\$3,000.00	\$400.00	\$4,000.00
50	Connection to Existing Water Main	6 EACH		\$1,200.00	\$7,200.00	\$1,200.00	\$7,200.00	\$550.00	\$3,300.00
Totals					\$998,713.50		\$735,661.00		\$759,347.00

bids as read

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2	Traffic Control	1	L SUM	\$20,000.00	\$20,000.00	\$3,000.00	\$3,000.00	\$46,000.00	\$46,000.00
3	Silt Fence	1,000	LIN FT	\$10.00	\$10,000.00	\$2.00	\$2,000.00	\$1.00	\$1,000.00
4	Exploratory Excavation	5	EACH	\$500.00	\$2,500.00	\$100.00	\$500.00	\$500.00	\$2,500.00
5	Calcium Chloride - Applied	10	TON	\$150.00	\$1,500.00	\$50.00	\$500.00	\$1.00	\$10.00
6	Selected Granular Backfill	2,883	CU YD	\$25.00	\$72,075.00	\$25.00	\$72,075.00	\$30.00	\$86,490.00
7	Temporary Surface - Aggregate (CA-6) - 8"	3,805	SQ YD	\$8.00	\$30,440.00	\$7.00	\$26,635.00	\$7.00	\$26,635.00
8	Temporary Surface - Bituminous - (4 1/4")	2,845	SQ YD	\$22.00	\$62,590.00	\$12.00	\$34,140.00	\$1.00	\$2,845.00
9	Bituminous Surface Course - 2"	3,700	SQ YD	\$10.00	\$37,000.00	\$6.00	\$22,200.00	\$9.00	\$33,300.00
10	Bituminous Base Course - 6"	2,845	SQ YD	\$40.00	\$113,800.00	\$22.00	\$62,590.00	\$22.00	\$62,590.00
11	Bituminous Surface Removal - 2"	1,212	SQ YD	\$2.00	\$2,424.00	\$5.00	\$6,060.00	\$6.00	\$7,272.00
12	Aggregate Shoulder, Type B, 6"	882	SQ YD	\$6.00	\$5,292.00	\$10.00	\$8,820.00	\$8.00	\$7,056.00
13	Bit. Driveway Rem. & Repl. - 3"	806	SQ YD	\$30.00	\$24,180.00	\$18.00	\$14,508.00	\$28.00	\$22,568.00
14	Agg. Driveway Rem. & Bit. Driveway Repl. - 3"	39	SQ YD	\$25.00	\$975.00	\$25.00	\$975.00	\$56.00	\$2,184.00
15	P.C.C. Driveway Rem. & Repl. - 5"	50	SQ FT	\$50.00	\$2,500.00	\$4.00	\$200.00	\$7.00	\$350.00
16	P.C.C. Sidewalk Rem. & Repl. - 5"	195	SQ FT	\$6.00	\$1,170.00	\$4.00	\$780.00	\$6.00	\$1,170.00
17	Parkway Restoration, Hydroseed	3,353	SQ YD	\$5.00	\$16,765.00	\$4.00	\$13,412.00	\$3.00	\$10,059.00
18	Sanitary Service Reconnection	46	EACH	\$450.00	\$20,700.00	\$600.00	\$23,000.00	\$300.00	\$13,800.00
19	Culvert Removal and Replacement, 12"	98	LIN FT	\$20.00	\$1,960.00	\$40.00	\$3,920.00	\$30.00	\$2,940.00
20	Culvert Removal and Replacement, 15"	50	LIN FT	\$25.00	\$1,250.00	\$40.00	\$2,000.00	\$35.00	\$1,750.00
21	Culvert Removal and Replacement, 18"	50	LIN FT	\$30.00	\$1,500.00	\$50.00	\$2,500.00	\$40.00	\$2,000.00
22	Type A Inlet w/Type 8 Grate	2	EACH	\$1,000.00	\$2,000.00	\$500.00	\$1,000.00	\$950.00	\$1,900.00
23	Storm Sewer, PVC, SDR-26, 12"	350	LIN FT	\$45.00	\$15,750.00	\$25.00	\$8,750.00	\$34.00	\$11,900.00
24	Drainage Structure Removal - Inlet	1	EACH	\$200.00	\$200.00	\$200.00	\$200.00	\$100.00	\$100.00
25	Ductile Iron Water Main Pipe (6")	4,788	LIN FT	\$35.00	\$167,580.00	\$35.00	\$167,580.00	\$30.00	\$143,640.00
26	Ductile Iron Water Main Pipe (8")	30	LIN FT	\$40.00	\$1,200.00	\$35.00	\$1,050.00	\$40.00	\$1,200.00
27	Ductile Iron Water Main Pipe (12")	30	LIN FT	\$45.00	\$1,350.00	\$40.00	\$1,200.00	\$50.00	\$1,500.00
28	Polyethylene Encasement (6")	5,706	LIN FT	\$1.25	\$7,132.50	\$0.30	\$1,711.80	\$0.50	\$2,853.00
29	Polyethylene Encasement (8")	30	LIN FT	\$1.50	\$45.00	\$1.00	\$30.00	\$0.50	\$15.00
30	Polyethylene Encasement (12")	30	LIN FT	\$1.50	\$45.00	\$1.00	\$30.00	\$0.50	\$15.00
31	Fittings	5,940	POUNDS	\$3.50	\$20,790.00	\$1.00	\$5,940.00	\$2.50	\$14,850.00
32	Water Main Pipe Augered - 6"	638	LIN FT	\$100.00	\$63,800.00	\$65.00	\$41,470.00	\$55.00	\$35,090.00
33	Water Main Pipe in Steel Casing, Augered, 6"	40	LIN FT	\$170.00	\$6,800.00	\$135.00	\$5,400.00	\$90.00	\$3,600.00
34	Water Main Pipe in Steel Casing, Open Cut, 6"	240	LIN FT	\$100.00	\$24,000.00	\$100.00	\$24,000.00	\$60.00	\$14,400.00
35	Abandonment of Old Water Main	1	L SUM	\$10,000.00	\$10,000.00	\$2,500.00	\$2,500.00	\$4,000.00	\$4,000.00
36	Water Service, 1", Short	31	EACH	\$600.00	\$18,600.00	\$500.00	\$15,500.00	\$800.00	\$24,800.00
37	Water Service, Augered, 1", Short	6	EACH	\$1,200.00	\$7,200.00	\$600.00	\$3,600.00	\$900.00	\$5,400.00

VILLAGE OF DOWNERS GROVE  
DEPARTMENT OF PUBLIC WORKS  
2002 WATER MAIN IMPROVEMENTS  
PROJECT 04-02  
APRIL 10, 2002 10:00 AM

Bid Tabulation

	Item Description	Unit	Qty	Engineer's Estimate		J. Congdon Sewer Service		Martam Construction	
				Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
38	Water Service, 1" Short, Encased PVC Casing	11 EACH		\$800.00	\$8,800.00	\$700.00	\$7,700.00	\$1,000.00	\$11,000.00
39	Water Service, Augered, 1", Long	10 EACH		\$1,500.00	\$15,000.00	\$1,300.00	\$13,000.00	\$1,200.00	\$12,000.00
40	Water Service, Augered, 1" Long, Encased PVC Casing	24 EACH		\$1,900.00	\$45,600.00	\$1,400.00	\$33,600.00	\$1,750.00	\$42,000.00
41	Water Service 1 1/2"	5 EACH		\$1,200.00	\$6,000.00	\$1,500.00	\$7,500.00	\$1,300.00	\$6,500.00
42	Water Service 2"	5 EACH		\$1,500.00	\$7,500.00	\$1,800.00	\$9,000.00	\$2,000.00	\$10,000.00
43	Resilient - Seated Gate Valve (6"), in 4' Vault	16 EACH		\$2,000.00	\$32,000.00	\$1,300.00	\$20,800.00	\$2,000.00	\$32,000.00
44	Side-Tapping Resilient-Seated Gate Valve (6"), in 5' Vault	2 EACH		\$4,000.00	\$8,000.00	\$1,700.00	\$3,400.00	\$2,600.00	\$5,200.00
45	Line Stop Existing Main, 6"	5 EACH		\$3,000.00	\$15,000.00	\$4,000.00	\$20,000.00	\$3,200.00	\$16,000.00
46	Line Stop Existing Main, 8"	2 EACH		\$3,500.00	\$7,000.00	\$4,000.00	\$8,000.00	\$4,000.00	\$8,000.00
47	Line Stop Existing Main, 12"	2 EACH		\$4,000.00	\$8,000.00	\$5,000.00	\$10,000.00	\$7,250.00	\$14,500.00
48	Fire Hydrant with Auxiliary Valve	20 EACH		\$2,500.00	\$50,000.00	\$1,800.00	\$36,000.00	\$2,400.00	\$48,000.00
49	Fire Hydrant Removal	10 EACH		\$350.00	\$3,500.00	\$100.00	\$1,000.00	\$500.00	\$5,000.00
50	Connection to Existing Water Main	6 EACH		\$1,200.00	\$7,200.00	\$2,500.00	\$15,000.00	\$600.00	\$3,600.00
<b>Totals</b>					\$998,713.50		\$772,776.80		\$824,582.00

bids as read \$772,776.80

\$824,582.00

VILLAGE OF DOWNERS GROVE  
DEPARTMENT OF PUBLIC WORKS  
2002 WATER MAIN IMPROVEMENTS  
PROJECT 04-02  
APRIL 10, 2002 10:00 AM

Bid Tabulation

	Item Description	Unit	Qty	Engineer's Estimate		Geradi Sewer & Water		Hardin Underground	
				Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
1	Construction Staking & Record Drawings	1	L SUM	\$10,000.00	\$10,000.00	\$6,500.00	\$6,500.00	\$8,000.00	\$8,000.00
2	Traffic Control	1	LSUM	\$20,000.00	\$20,000.00	\$60,000.00	\$60,000.00	\$30,000.00	\$30,000.00
3	Silt Fence	1,000	LIN FT	\$10.00	\$10,000.00	\$4.00	\$4,000.00	\$3.05	\$3,050.00
4	Exploratory Excavation	5	EACH	\$500.00	\$2,500.00	\$300.00	\$1,500.00	\$500.00	\$2,500.00
5	Calcium Chloride - Applied	10	TON	\$150.00	\$1,500.00	\$500.00	\$5,000.00	\$500.00	\$5,000.00
6	Selected Granular Backfill	2,883	CU YD	\$25.00	\$72,075.00	\$28.00	\$80,724.00	\$32.00	\$92,256.00
7	Temporary Surface - Aggregate (CA-6) - 8"	3,805	SQ YD	\$8.00	\$30,440.00	\$6.00	\$15,220.00	\$7.60	\$28,918.00
8	Temporary Surface - Bituminous - (4 7/4")	2,845	SQ YD	\$22.00	\$62,590.00	\$4.00	\$17,070.00	\$25.30	\$71,978.50
9	Bituminous Surface Course - 2"	3,700	SQ YD	\$10.00	\$37,000.00	\$7.50	\$27,750.00	\$7.85	\$29,045.00
10	Bituminous Base Course - 6"	2,845	SQ YD	\$40.00	\$113,800.00	\$26.00	\$73,970.00	\$30.80	\$87,626.00
11	Bituminous Surface Removal - 2"	1,212	SQ YD	\$2.00	\$2,424.00	\$9.00	\$10,908.00	\$5.70	\$6,908.40
12	Aggregate Shoulder, Type B, 6"	882	SQ YD	\$6.00	\$5,292.00	\$6.25	\$5,512.50	\$9.35	\$8,246.70
13	Bit. Driveway Rem. & Repl. - 3"	806	SQ YD	\$30.00	\$24,180.00	\$20.00	\$16,120.00	\$36.95	\$29,781.70
14	Agg. Driveway Rem. & Bit. Driveway Repl. - 3"	39	SQ YD	\$25.00	\$975.00	\$20.00	\$780.00	\$36.95	\$1,441.05
15	P.C.C. Driveway Rem. & Repl. - 5"	50	SQ FT	\$50.00	\$2,500.00	\$8.00	\$400.00	\$15.00	\$750.00
16	P.C.C. Sidewalk Rem. & Repl. - 5"	195	SQ FT	\$6.00	\$1,170.00	\$7.50	\$1,462.50	\$10.00	\$1,950.00
17	Parkway Restoration, Hydroseed	3,353	SQ YD	\$5.00	\$16,765.00	\$5.00	\$16,765.00	\$3.60	\$12,070.80
18	Sanitary Service Reconnection	46	EACH	\$450.00	\$20,700.00	\$150.00	\$6,900.00	\$296.00	\$13,616.00
19	Culvert Removal and Replacement, 12"	98	LIN FT	\$20.00	\$1,960.00	\$22.00	\$2,156.00	\$29.15	\$2,856.70
20	Culvert Removal and Replacement, 15"	50	LIN FT	\$25.00	\$1,250.00	\$24.00	\$1,200.00	\$31.95	\$1,597.50
21	Culvert Removal and Replacement, 18"	50	LIN FT	\$30.00	\$1,500.00	\$26.00	\$1,300.00	\$34.50	\$1,725.00
22	Type A Inlet w/Type 8 Grate	2	EACH	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00	\$670.00	\$1,340.00
23	Storm Sewer, PVC, SDR-26, 12"	350	LIN FT	\$45.00	\$15,750.00	\$20.00	\$7,000.00	\$34.55	\$12,092.50
24	Drainage Structure Removal - Inlet	1	EACH	\$200.00	\$200.00	\$100.00	\$100.00	\$230.00	\$230.00
25	Ductile Iron Water Main Pipe (6")	4,788	LIN FT	\$35.00	\$167,580.00	\$36.85	\$176,437.80	\$29.20	\$139,809.60
26	Ductile Iron Water Main Pipe (8")	30	LIN FT	\$40.00	\$1,200.00	\$40.00	\$1,200.00	\$36.85	\$1,105.50
27	Ductile Iron Water Main Pipe (12")	30	LIN FT	\$45.00	\$1,350.00	\$50.00	\$1,500.00	\$44.75	\$1,342.50
28	Polyethylene Encasement (6")	5,706	LIN FT	\$1.25	\$7,132.50	\$1.00	\$5,706.00	\$0.25	\$1,426.50
29	Polyethylene Encasement (8")	30	LIN FT	\$1.50	\$45.00	\$1.25	\$37.50	\$0.25	\$7.50
30	Polyethylene Encasement (12")	30	LIN FT	\$1.50	\$45.00	\$1.50	\$45.00	\$0.35	\$10.50
31	Fittings	5,940	POUNDS	\$3.50	\$20,790.00	\$3.75	\$22,275.00	\$3.20	\$19,008.00
32	Water Main Pipe Augered - 6"	638	LIN FT	\$100.00	\$63,800.00	\$55.00	\$35,090.00	\$70.75	\$45,138.50
33	Water Main Pipe in Steel Casing, Augered, 6"	40	LIN FT	\$170.00	\$6,800.00	\$165.00	\$6,600.00	\$300.00	\$12,000.00
34	Water Main Pipe in Steel Casing, Open Cut, 6"	240	LIN FT	\$100.00	\$24,000.00	\$55.00	\$13,200.00	\$65.00	\$15,600.00
35	Abandonment of Old Water Main	1	L SUM	\$10,000.00	\$10,000.00	\$5,000.00	\$5,000.00	\$9,200.00	\$9,200.00
36	Water Service, 1", Short	31	EACH	\$600.00	\$18,600.00	\$500.00	\$15,500.00	\$550.00	\$17,050.00
37	Water Service, Augered, 1", Short	6	EACH	\$1,200.00	\$7,200.00	\$575.00	\$3,450.00	\$935.00	\$5,610.00

VILLAGE OF DOWNERS GROVE  
DEPARTMENT OF PUBLIC WORKS  
2002 WATER MAIN IMPROVEMENTS  
PROJECT 04-02  
APRIL 10, 2002 10:00 AM

Bid Tabulation

	Item Description	Engineer's Estimate		Geradi Sewer & Water		Hardin Underground			
		Unit	Qty	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
38	Water Service, 1" Short, Encased PVC Casing	11	EACH	\$800.00	\$8,800.00	\$575.00	\$6,325.00		
39	Water Service, Augered, 1", Long	10	EACH	\$1,500.00	\$15,000.00	\$665.00	\$6,650.00	\$1,050.00	\$10,500.00
40	Water Service, Augered, 1" Long, Encased PVC Casing	24	EACH	\$1,900.00	\$45,600.00	\$1,600.00	\$38,400.00	\$1,215.00	\$29,160.00
41	Water Service 1 1/2"	5	EACH	\$1,200.00	\$6,000.00	\$1,200.00	\$6,000.00	\$1,420.00	\$7,100.00
42	Water Service 2"	5	EACH	\$1,500.00	\$7,500.00	\$1,500.00	\$7,500.00	\$1,415.00	\$7,075.00
43	Resilient - Seated Gate Valve (6"), in 4' Vault	16	EACH	\$2,000.00	\$32,000.00	\$1,600.00	\$25,600.00	\$1,450.00	\$23,200.00
44	Side-Tapping Resilient-Seated Gate Valve (6"), in 5' Vault	2	EACH	\$4,000.00	\$8,000.00	\$3,200.00	\$6,400.00	\$4,320.00	\$8,640.00
45	Line Stop Existing Main, 6"	5	EACH	\$3,000.00	\$15,000.00	\$3,450.00	\$17,250.00	\$3,450.00	\$17,250.00
46	Line Stop Existing Main, 8"	2	EACH	\$3,500.00	\$7,000.00	\$3,650.00	\$7,300.00	\$3,500.00	\$7,000.00
47	Line Stop Existing Main, 12"	2	EACH	\$4,000.00	\$8,000.00	\$5,350.00	\$10,700.00	\$6,615.00	\$13,230.00
48	Fire Hydrant with Auxiliary Valve	20	EACH	\$2,500.00	\$50,000.00	\$2,275.00	\$45,500.00	\$2,100.00	\$42,000.00
49	Fire Hydrant Removal	10	EACH	\$350.00	\$3,500.00	\$300.00	\$3,000.00	\$405.00	\$4,050.00
50	Connection to Existing Water Main	6	EACH	\$1,200.00	\$7,200.00	\$1,500.00	\$9,000.00	\$2,300.00	\$13,800.00
<b>Totals</b>					\$998,713.50		\$839,454.30		\$909,618.45

bids as read \$839,454.30 \$909,918.45

VILLAGE OF DOWNERS GROVE  
DEPARTMENT OF PUBLIC WORKS  
2002 WATER MAIN IMPROVEMENTS  
PROJECT 04-02  
APRIL 10, 2002 10:00 AM

Bid Tabulation

	Item Description	Engineer's Estimate		Nibco Construction Concepts		Petrovic Const. Co. Inc.	
		Unit	Qty	Unit Price	Total Cost	Unit Price	Total Cost
1	Construction Staking & Record Drawings	1	L SUM	\$10,000.00	\$10,000.00	\$9,999.00	\$9,999.00
2	Traffic Control	1	LSUM	\$20,000.00	\$20,000.00	\$9,999.00	\$9,999.00
3	Silt Fence	1,000	LIN FT	\$10.00	\$10,000.00	\$2.75	\$2,750.00
4	Exploratory Excavation	5	EACH	\$500.00	\$2,500.00	\$1,250.00	\$6,250.00
5	Calcium Chloride - Applied	10	TON	\$150.00	\$1,500.00	\$210.00	\$2,100.00
6	Selected Granular Backfill	2,883	CU YD	\$25.00	\$72,075.00	\$27.50	\$79,282.50
7	Temporary Surface - Aggregate (CA-6) - 8"	3,805	SQ YD	\$8.00	\$30,440.00	\$12.41	\$47,220.05
8	Temporary Surface - Bituminous - (4"/4")	2,845	SQ YD	\$22.00	\$62,590.00	\$17.85	\$50,783.25
9	Bituminous Surface Course - 2"	3,700	SQ YD	\$10.00	\$37,000.00	\$7.65	\$28,305.00
10	Bituminous Base Course - 6"	2,845	SQ YD	\$40.00	\$113,800.00	\$15.60	\$44,382.00
11	Bituminous Surface Removal - 2"	1,212	SQ YD	\$2.00	\$2,424.00	\$6.50	\$7,878.00
12	Aggregate Shoulder, Type B, 6"	882	SQ YD	\$6.00	\$5,292.00	\$15.60	\$13,759.20
13	Bit. Driveway Rem. & Repl. - 3"	806	SQ YD	\$30.00	\$24,180.00	\$15.10	\$12,170.60
14	Agg. Driveway Rem. & Bit. Driveway Repl. - 3"	39	SQ YD	\$25.00	\$975.00	\$15.10	\$588.90
15	P.C.C. Driveway Rem. & Repl. - 5"	50	SQ FT	\$50.00	\$2,500.00	\$22.30	\$1,115.00
16	P.C.C. Sidewalk Rem. & Repl. - 5"	195	SQ FT	\$6.00	\$1,170.00	\$10.00	\$1,950.00
17	Parkway Restoration, Hydroseed	3,353	SQ YD	\$5.00	\$16,765.00	\$3.30	\$11,064.90
18	Sanitary Service Reconnection	46	EACH	\$450.00	\$20,700.00	\$360.00	\$16,560.00
19	Culvert Removal and Replacement, 12"	98	LIN FT	\$20.00	\$1,960.00	\$17.50	\$1,715.00
20	Culvert Removal and Replacement, 15"	50	LIN FT	\$25.00	\$1,250.00	\$18.50	\$925.00
21	Culvert Removal and Replacement, 18"	50	LIN FT	\$30.00	\$1,500.00	\$20.00	\$1,000.00
22	Type A Inlet w/Type 8 Grate	2	EACH	\$1,000.00	\$2,000.00	\$1,225.00	\$2,450.00
23	Storm Sewer, PVC, SDR-26, 12"	350	LIN FT	\$45.00	\$15,750.00	\$28.16	\$9,856.00
24	Drainage Structure Removal - Inlet	1	EACH	\$200.00	\$200.00	\$500.00	\$500.00
25	Ductile Iron Water Main Pipe (6")	4,788	LIN FT	\$35.00	\$167,580.00	\$33.20	\$158,961.60
26	Ductile Iron Water Main Pipe (8")	30	LIN FT	\$40.00	\$1,200.00	\$95.00	\$2,850.00
27	Ductile Iron Water Main Pipe (12")	30	LIN FT	\$45.00	\$1,350.00	\$102.00	\$3,060.00
28	Polyethylene Encasement (6")	5,706	LIN FT	\$1.25	\$7,132.50	\$0.50	\$2,853.00
29	Polyethylene Encasement (8")	30	LIN FT	\$1.50	\$45.00	\$0.35	\$10.50
30	Polyethylene Encasement (12")	30	LIN FT	\$1.50	\$45.00	\$0.45	\$13.50
31	Fittings	5,940	POUNDS	\$3.50	\$20,790.00	\$1.70	\$10,098.00
32	Water Main Pipe Augered - 6"	638	LIN FT	\$100.00	\$63,800.00	\$75.00	\$47,850.00
33	Water Main Pipe in Steel Casing, Augered, 6"	40	LIN FT	\$170.00	\$6,800.00	\$117.50	\$4,700.00
34	Water Main Pipe in Steel Casing, Open Cut, 6"	240	LIN FT	\$100.00	\$24,000.00	\$75.20	\$18,048.00
35	Abandonment of Old Water Main	1	L SUM	\$10,000.00	\$10,000.00	\$12,000.00	\$12,000.00
36	Water Service, 1", Short	31	EACH	\$600.00	\$18,600.00	\$1,250.00	\$38,750.00
37	Water Service, Augered, 1", Short	6	EACH	\$1,200.00	\$7,200.00	\$1,450.00	\$8,700.00

VILLAGE OF DOWNERS GROVE  
DEPARTMENT OF PUBLIC WORKS  
2002 WATER MAIN IMPROVEMENTS  
PROJECT 04-02  
APRIL 10, 2002 10:00 AM

Bid Tabulation

	Item Description	Unit	Qty	Engineer's Estimate		Nibco Construction Concepts		Petrovic Const. Co. Inc.	
				Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
38	Water Service, 1" Short, Encased PVC Casing	11 EACH		\$800.00	\$8,800.00	\$1,300.00	\$14,300.00	\$875.00	\$9,625.00
39	Water Service, Augered, 1", Long	10 EACH		\$1,500.00	\$15,000.00	\$1,700.00	\$17,000.00	\$3,100.00	\$31,000.00
40	Water Service, Augered, 1" Long, Encased PVC Casing	24 EACH		\$1,900.00	\$45,600.00	\$1,900.00	\$45,600.00	\$3,685.00	\$88,440.00
41	Water Service 1 1/2"	5 EACH		\$1,200.00	\$6,000.00	\$1,410.00	\$7,050.00	\$3,000.00	\$15,000.00
42	Water Service 2"	5 EACH		\$1,500.00	\$7,500.00	\$2,500.00	\$12,500.00	\$3,500.00	\$17,500.00
43	Resilient - Seated Gate Valve (6"), in 4' Vault	16 EACH		\$2,000.00	\$32,000.00	\$2,385.00	\$38,160.00	\$1,435.00	\$22,960.00
44	Side-Tapping Resilient-Seated Gate Valve (6"), in 5' Vault	2 EACH		\$4,000.00	\$8,000.00	\$2,720.00	\$5,440.00	\$2,275.00	\$4,550.00
45	Line Stop Existing Main, 6"	5 EACH		\$3,000.00	\$15,000.00	\$4,482.00	\$22,410.00	\$1,300.00	\$6,500.00
46	Line Stop Existing Main, 8"	2 EACH		\$3,500.00	\$7,000.00	\$4,720.00	\$9,440.00	\$1,400.00	\$2,800.00
47	Line Stop Existing Main, 12"	2 EACH		\$4,000.00	\$8,000.00	\$7,000.00	\$14,000.00	\$1,525.00	\$3,050.00
48	Fire Hydrant with Auxiliary Valve	20 EACH		\$2,500.00	\$50,000.00	\$2,450.00	\$49,000.00	\$3,325.00	\$66,500.00
49	Fire Hydrant Removal	10 EACH		\$350.00	\$3,500.00	\$950.00	\$9,500.00	\$1,600.00	\$16,000.00
50	Connection to Existing Water Main	6 EACH		\$1,200.00	\$7,200.00	\$1,990.00	\$11,940.00	\$2,000.00	\$12,000.00
<b>Totals</b>					\$998,713.50		\$926,838.00		\$956,931.75

bids as read

\$926,838.00

\$954,931.75