

CIP 690454, Contract No. 1022 Water Main

**Engineer's Estimate of Probable Construction Costs
SCIOTO AND DARBY CREEK ROAD 30" WATER MAIN**

Item	CMSC	Description	Units	Quantity	Unit Cost	Item Cost
1	801	30" DIP Water Main and Fittings, Class 54	L.F.	3210	\$ 165.00	\$ 529,650
1-ALT	801	30" PCP Water Main and Fittings (AWWA C301)	L.F.	3210	\$ 175.00	\$ 561,750
2	801	24" DIP Water Main and Fittings, Class 54	L.F.	1410	\$ 135.00	\$ 190,350
2-ALT	801	24" PCP Water Main and Fittings (AWWA C301)	L.F.	1410	\$ 150.00	\$ 211,500
3	202	Catch Basin Removed	Each	1	\$ 500.00	\$ 500
4	202	Driveway Culvert Removed	L.F.	145	\$ 12.00	\$ 1,740
5	252	Permanent Pavement Replacement Type I, Without Heate Weld	C.Y.	36	\$ 200.00	\$ 7,200
6	252	Permanent Pavement Replacement, Type I	C.Y.	34	\$ 200.00	\$ 6,800
7	252	Driveway Pavement Replacement, Type IIIC	C.Y.	35	\$ 30.00	\$ 1,050
8	253	Temporary Pavement	S.Y.	280	\$ 15.00	\$ 4,200
9	254	Pavement Planing	S.Y.	760	\$ 3.00	\$ 2,280
10	304	Aggregate Base Gravel Berm Replacement, 8" Depth	C.Y.	75	\$ 30.00	\$ 2,250
11	404	Asphalt Concrete	Ton	55	\$ 45.00	\$ 2,475
12	407	Tack Coat	Gal.	76	\$ 1.00	\$ 76
13	413	Crack Seal	L.F.	580	\$ 1.00	\$ 580
14	603	12" Conduit, with Type I Bedding	L.F.	145	\$ 50.00	\$ 7,250
15	604	Standard Catch Basin	Each	1	\$ 2,000.00	\$ 2,000
16	609	18" Straight Concrete Curb	L.F.	15	\$ 20.00	\$ 300
17	614	Maintaining Traffic	L.S.	1	\$ 10,000.00	\$ 10,000
18	659	Seeding and Mulching	S.Y.	8200	\$ 1.50	\$ 12,300
19	801	Fittings, Increase or Decrease	LBS.	500	\$ 2.50	\$ 1,250
20	801	Concrete Blocking Class C, Increase or Decrease	C.Y.	8	\$ 200.00	\$ 1,600
21	802	30" Butterfly Valve and Appurtenances	Each	2	\$ 8,000.00	\$ 16,000
22	802	24" Butterfly Valve and Appurtenances	Each	2	\$ 6,000.00	\$ 12,000
23	802	12" Gate Valve and Appurtenances	Each	1	\$ 1,500.00	\$ 1,500
24	803	12"X12" Tapping Sleeve and Valve with Appurtenances	Each	1	\$ 5,500.00	\$ 5,500
25	806	48" Steel Casing Pipe	L.F.	90	\$ 650.00	\$ 58,500
26	806	42" Steel Casing Pipe	L.F.	160	\$ 575.00	\$ 92,000
27	809	Fire Hydrant Relocated	Each	6	\$ 500.00	\$ 3,000
28	811	Increase or Decrease Excavation and Backfill	C.Y.	100	\$ 20.00	\$ 2,000
29	815	Crushed Stone or Gravel	Ton	70	\$ 60.00	\$ 4,200
30	919	Watercourse Erosion Protection	S.Y.	25	\$ 50.00	\$ 1,250
31	812	Air Release	Each	1	\$ 750.00	\$ 750
ESTIMATED SUBTOTAL USING DUCTILE IRON PIPE (PROP. ITEM NOS. 1 AND 2) =						\$ 980,551.00
ESTIMATED SUBTOTAL USING PRESTREESED CONCRETE PIPE (PROP. ITEM NOS. 1-ALT AND 2-ALT) =						\$ 1,033,801.00
SPEC.		Force Account (10% of Subtotal) Using Ductile Iron Pipe (Prop. Items Nos. 1 and 2)				\$ 98,055
SPEC.		Force Account (10% of Subtotal) Using Prestressed Concrete Pipe (Prop. Items Nos. 1-ALT and 2-ALT)				\$ 103,380
ESTIMATED TOTAL USING DUCTILE IRON PIPE (PROP. ITEM NOS. 1 AND 2) =						\$ 1,078,606
ESTIMATED TOTAL USING PRESTREESED CONCRETE PIPE (PROP. ITEM NOS. 1-ALT AND 2-ALT) =						\$ 1,137,181

**CITY OF COLUMBUS
 BID EVALUATION FORM
 (FOR CONTRACTS OVER \$20,000)**

Department: Public Utilities Project: Scioto & Darby Creek Road 30" Water Main
 Division: Power and Water (Water) Funding Source: Contract No. 1022, CIP 690454
 Bid Opening Date: October 11, 2006
 Engineer's Estimate: \$ 1,078,606.00

Low Bid at Opening: \$ 883,050.56
 Non-Local Low Bid at Opening: \$ 883,050.56

	COMPANY NAME									
	<u>Fields Excavating, Inc.</u>	<u>Underground Utilities, Inc.</u>	<u>Nickolas Savko & Sons, Inc.</u>	<u>John Eramo & Sons, Inc.</u>	<u>Complete General Construction Co.</u>	<u>Tata Excavating, Inc.</u>	<u>Darby Creek Excavating, Inc.</u>	<u>R.B. Jergens Contractors, Inc.</u>	<u>George J. Igel & Co., Inc.</u>	<u>McDaniel's Construction Corp., Inc.</u>
Original Bid Amount:	\$ 883,050.56	\$ 976,212.60	\$ 976,248.90	\$ 983,020.42	\$ 1,007,172.10	\$ 1,029,909.60	\$ 1,095,445.31	\$ 1,107,699.78	\$ 1,111,122.10	\$ 1,181,018.98
Local Company?	No	No	Yes	Yes	Yes	Yes	No	No	Yes	Yes

FACTORS

Tier I - Mandatory Factors

M-1	Bid is responsive	yes	yes	yes	yes	yes	yes	no	yes	no
M-2	Bidder is compliant with city taxes on payroll and net profits	yes	yes	yes	yes	yes	yes	yes	yes	yes
M-3	Bidder will make financial statements available upon request	yes	yes	yes	yes	yes	yes	yes	yes	yes
M-4	Bidder is currently debarred from doing business with any govt. agency	no	no	no	no	no	no	no	no	no
M-5	Bidder has requisite licenses	yes	yes	yes	yes	yes	yes	yes	yes	yes
M-6	Bidder has provided a contract compliance no., or application for one	yes	yes	yes	yes	yes	yes	yes	yes	yes
	Proceed to Tier II?	yes	yes	yes	yes	yes	yes	no	yes	no

Complete bid book not returned
 No amount listed on bond

Tier II - Creditable Factors (each yes answer gives 1% credit)

C-1	Bidder is eligible for local credit - (Based on lowest non-local bid)	no	no	yes	yes	yes	no		yes	
C-2	Bidder is eligible for local workforce credit	no	no	yes	yes	yes	yes		yes	
C-3	Bidder is eligible for quality training contractor credit	yes	no	no	yes	no	yes		yes	
C-4	Bidder is eligible for health insurance credit	yes	yes	yes	yes	yes	yes		yes	
	<i>% of insurance provided by company</i>	100.00%	100.00%	60.00%	80.00%	100.00%	75.00%		100.00%	
C-5	Bidder is eligible for retirement or pension plan credit	yes	yes	yes	yes	yes	yes		yes	
	<i>% of retirement or pension plan provided by company</i>	100.00%	100.00%	100.00%	100.00%	100.00%	Varies		100.00%	
	Total Credits (cannot exceed \$20,000 per factor or \$100,000 in total)	3.00%	2.00%	4.00%	5.00%	5.00%	4.00%		5.00%	
	Dollar Value of Credits	\$26,491.52	\$17,661.01	\$35,322.02	\$44,152.53	\$44,152.53	\$35,322.02		\$44,152.53	
	Bid Total:	\$856,559.04	\$958,551.59	\$940,926.88	\$938,867.89	\$963,019.57	\$994,587.58	\$1,060,123.29	\$1,066,969.57	

Low Bid Dollar Amount After Credits

\$856,559.04

	Percent Over Low Bid:	0.000%	11.907%	9.850%	9.609%	12.429%	16.114%	23.765%	24.565%	
	Fundamentally Equivalent Bid (I.e., within 10% of low bid after credits)	yes	no	yes	yes	no	no	no	no	
	Proceed to Tier III?	yes	no	yes	yes	no	no	no	no	

Tier III - History Experience Factors

HE-1	Bidder has a record of non-compliance with City of Columbus affirmative action programs	no		no	no					
HE-2	Bidder has a record of non-compliance with federal, state and local affirmative action programs	no		no	no					
HE-3	Bidder has a record of claims against performance bonds	no		no	no					
HE-4	Bidder has paid liquidated damages in the past 3 years	no		no	no					
HE-5	Principals or principal employees of bidder have record of fraud, collusion, etc.	no		no	no					
HE-6	Bidder has been debarred from doing business with govt. agency(s) in past 3 years	no		no	no					
HE-7	Bidder has a record, within the past 3 years, of violations with the following:									
	A. Fair Labor Standards Act	no		no	no					
	B. Prevailing Wage Laws	no		no	no					
	C. Unemployment Compensation Laws	no		no	no					
	D. Worker's Compensation Laws	no		no	no					
HE-8	Bidder has a record of "willful or "serious" OSHA violations within the past 3 years	yes		yes	no					
HE-9	Bidder has an adequate health and safety plan and supporting documentation	yes		yes	yes					
HE-10	Bidder qualifies for an Bureau of Workers Compensation EMR	yes		yes	yes					
HE-11	Bidder has a record of EPA violations within the last 3 years	no		yes	no					
HE-12	The results of Bidder's references are questionable	no		no	no					
	Total Negative History and Experience Factors:	-1		-2	0					
	A negative score in tier III may result in further investigation of bid, if merited									
	Bid investigated with satisfactory outcome? (Requires user input)	yes		yes	yes					
	Proceed to Tier IV?	yes		yes	yes					

Tier IV - Resource Factors (yes answers desirable)

Note: Tier IV entails examining resource factors of bidder specific to the project for which the bid was solicited. The field of eligible bidders will be determined through application of Tiers I through III. In Tier IV, a review of the remaining bidders' resource factors will be conducted, following which, the City will select a contractor (s).

R-1	Bidder has sufficient physical resources to reasonably complete this project (e.g., equipment)	yes		yes	yes					
R-2	Bidder's management has sufficient experience to ensure completion of project	yes		yes	yes					
R-3	Bidder's workforce has sufficient experience to complete this project	yes		yes	yes					
R-4	Bidder has adequate qualified safety personnel proposed for this project	yes		yes	yes					
R-5	Bidder does not have too many current projects to take on this project	yes		yes	yes					
	Total Number of "Yes" Answers	5		5	5					

Division's Recommendation: Fields Excavating, Inc.