



By:  
 Crawford, Murphy and Tilly, Inc.  
 8101 N High Street, Suite 150  
 Columbus, Ohio 43235

For:  
 City of Sidney  
 201 West Poplar Street  
 Sidney, Ohio 45365

<b>SIDNEY MUNICIPAL AIRPORT</b>
<b>RSA Improvements - Phase 2</b>
<b>ENGINEERS ESTIMATE OF PROBABLE CONSTRUCTION COST</b>
<b>February 6, 2009</b>

Item No.	Item Description	Unit	Estimated	Unit Cost	Cost
1	P-101-5.1 REMOVE BITUMINOUS PAVEMENT	SY	1635	\$ 5.00	\$8,175.00
2	P-151-4.1 CLEARING AND GRUBBING	LS	1	\$ 1,500.00	\$1,500.00
3	P-152-4.1 UNCLASSIFIED EXCAVATION	CY	7580	\$ 12.50	\$94,750.00
4	P-156-5.1 SILT FENCE	LF	600	\$ 2.10	\$1,260.00
5	P-156-5.2 DITCH CHECK	LF	150	\$ 5.00	\$750.00
6	P-156-5.3 INLET PROTECTION	LF	16	\$ 5.00	\$80.00
7	P-156-5.4 RIP RAP	SY	275	\$ 10.00	\$2,750.00
8	P-156-5.5 STORM WATER POLLUTION PREVENTION PLAN	LS	1	\$ 3,000.00	\$3,000.00
9	P-209-5.1 CRUSHED AGGREGATE BASE COURSE	CY	960	\$ 29.00	\$27,840.00
10	P-403-5.1 ODOT ASPHALT CONCRETE INTERMEDIATE COURSE	TON	340	\$ 85.00	\$28,900.00
11	P-403-5.2 ODOT ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-22	TON	340	\$ 87.00	\$29,580.00
12	P-602-5.1 BITUMINOUS PRIME COAT	GAL	1110	\$ 2.00	\$2,220.00
13	P-603-5.1 BITUMINOUS TACK COAT	GAL	560	\$ 2.00	\$1,120.00
14	F-162-5.1 6' CHAIN LINK FENCE	LF	320	\$ 26.00	\$8,320.00
15	F-162-5.2 22' ELECTRIC GATE	EACH	2	\$ 18,000.00	\$36,000.00
16	F-162-5.3 REMOVE GATE	EACH	2	\$ 150.00	\$300.00
17	D-701-5.1 15" RCP CULVERT (ODOT 603 TYPE A)	LF	30	\$ 40.00	\$1,200.00
18	D-701-5.2 48" RCP CULVERT (ODOT 603 TYPE A)	LF	445	\$ 150.00	\$66,750.00
19	D-701-5.3 FIELD TILE REPLACEMENT	LF	200	\$ 15.00	\$3,000.00
20	D-701-5.4 REMOVE PIPE	LF	125	\$ 10.00	\$1,250.00
21	D-701-5.5 REMOVE INLET	EACH	1	\$ 300.00	\$300.00
22	D-752-5.1 STRUCTURAL CONCRETE	CY	10	\$ 740.00	\$7,400.00
23	D-752-5.2 EPOXY COATED REINFORCING STEEL	POUND	1000	\$ 2.00	\$2,000.00
24	T-901-5.1 SEEDING	ACRE	2.2	\$ 2,500.00	\$5,500.00
25	T-908-5.1 MULCHING	ACRE	2.2	\$ 1,750.00	\$3,850.00
26	L-108-5.1 3/C #6 XLP-USE, 1 #10 GROUND IN 1-1/4" UNIT DUCT	LF	1320	\$ 7.00	\$9,240.00
27	L-110-5.1 2" GRS CONDUIT, DIRECT BURY	LF	60	\$ 20.00	\$1,200.00
28	L-110-5.2 2 1/2" PVC SCHEDULE 40, DIRECT BURY	LF	220	\$ 15.00	\$3,300.00
29	SP-1.5.1 20' ROADWAY LIGHT POLE W/ SINGLE FIXTURE	EACH	1	\$ 5,300.00	\$5,300.00
30	SP-1.5.2 15' ROADWAY LIGHT POLE W/ SINGLE FIXTURE	EACH	1	\$ 5,000.00	\$5,000.00
31	SP-1.5.3 NEW ELECTRIC SERVICE	LS	1	\$ 3,500.00	\$3,500.00
32	SP-2.5.1 END OF ROADWAY SIGN AND POST	EACH	3	\$ 150.00	\$450.00
33	SP-2.5.2 REMOVE SIGN	EACH	2	\$ 40.00	\$80.00
34	SP-3.5.1 6" REINFORCED PCC PAVEMENT (ODOT 451)	SY	326	\$ 80.00	\$26,080.00
<b>TOTAL ESTIMATED CONSTRUCTION COST =</b>					<b>\$391,945.00</b>
<b>Force Account (PIONEER ELECTRIC) =</b>					<b>\$2,000.00</b>
<b>USE =</b>					<b>\$394,000.00</b>

Low Unit Cost	Average Unit Cost	High Unit Cost
\$ 0.70	\$ 3.00	\$ 6.00
\$ 55.00	\$ 4,996.01	\$ 25,500.00
\$ 4.20	\$ 6.09	\$ 9.50
\$ 1.25	\$ 1.94	\$ 3.64
\$ 2.00	\$ 4.46	\$ 10.00
\$ 2.00	\$ 8.80	\$ 21.00
\$ 3.00	\$ 18.73	\$ 55.00
\$ 500.00	\$ 1,846.21	\$ 7,500.00
\$ 21.76	\$ 29.01	\$ 40.00
\$ 68.50	\$ 73.67	\$ 86.85
\$ 69.00	\$ 73.18	\$ 89.00
\$ 1.95	\$ 3.50	\$ 5.00
\$ 1.80	\$ 2.04	\$ 2.50
\$ 19.50	\$ 38.71	\$ 52.25
\$ 10,040.00	\$ 15,036.70	\$ 18,000.00
\$ 34.00	\$ 254.57	\$ 500.00
\$ 17.00	\$ 36.67	\$ 90.00
\$ 100.00	\$ 120.45	\$ 175.00
\$ 3.36	\$ 6.91	\$ 16.00
\$ 2.00	\$ 4.90	\$ 9.50
\$ 22.60	\$ 236.50	\$ 750.00
\$ 248.00	\$ 1,123.00	\$ 2,000.00
\$ -	\$ 1.75	\$ 4.37
\$ 700.00	\$ 1,980.91	\$ 6,780.00
\$ 545.00	\$ 1,483.76	\$ 2,400.00
\$ 3.00	\$ 6.20	\$ 8.00
\$ 6.10	\$ 11.76	\$ 20.00
\$ 6.09	\$ 7.91	\$ 12.50
\$ 1,500.00	\$ 3,437.49	\$ 4,564.00
\$ 1,475.00	\$ 3,394.57	\$ 4,410.00
\$ 970.00	\$ 3,488.92	\$ 7,200.00
\$ 100.00	\$ 295.97	\$ 775.00
\$ 25.00	\$ 57.15	\$ 154.00
\$ 30.66	\$ 45.58	\$ 63.50

Sturm Construction	
Unit Cost	Cost
\$ 3.08	\$ 5,035.80
\$ 55.00	\$ 55.00
\$ 5.20	\$ 39,416.00
\$ 1.30	\$ 780.00
\$ 3.60	\$ 540.00
\$ 4.70	\$ 75.20
\$ 14.40	\$ 3,960.00
\$ 1,000.00	\$ 1,000.00
\$ 22.08	\$ 21,196.80
\$ 68.50	\$ 23,290.00
\$ 69.00	\$ 23,460.00
\$ 3.50	\$ 3,885.00
\$ 2.00	\$ 1,120.00
\$ 43.50	\$ 13,920.00
\$ 14,980.00	\$ 29,960.00
\$ 70.00	\$ 140.00
\$ 20.38	\$ 611.40
\$ 113.18	\$ 50,365.10
\$ 4.45	\$ 890.00
\$ 4.20	\$ 525.00
\$ 100.00	\$ 100.00
\$ 248.00	\$ 2,480.00
\$ 2.48	\$ 2,480.00
\$ 1,250.00	\$ 2,750.00
\$ 1,800.00	\$ 3,960.00
\$ 6.35	\$ 8,382.00
\$ 14.00	\$ 840.00
\$ 7.51	\$ 1,652.20
\$ 3,699.00	\$ 3,699.00
\$ 3,678.00	\$ 3,678.00
\$ 4,400.00	\$ 4,400.00
\$ 175.00	\$ 525.00
\$ 25.00	\$ 50.00
\$ 44.00	\$ 14,344.00
<b>Total</b>	<b>\$ 269,565.50</b>
DBE%	17.90%

VTF Excavation	
Unit Cost	Cost
\$ 0.70	\$ 1,144.50
\$ 500.00	\$ 500.00
\$ 4.60	\$ 34,868.00
\$ 1.25	\$ 750.00
\$ 2.05	\$ 307.50
\$ 6.50	\$ 104.00
\$ 9.65	\$ 2,653.75
\$ 2,000.00	\$ 2,000.00
\$ 30.00	\$ 28,800.00
\$ 71.95	\$ 24,463.00
\$ 72.45	\$ 24,633.00
\$ 3.70	\$ 4,107.00
\$ 2.10	\$ 1,176.00
\$ 19.50	\$ 6,240.00
\$ 11,305.00	\$ 22,610.00
\$ 287.50	\$ 575.00
\$ 28.30	\$ 849.00
\$ 135.15	\$ 60,141.75
\$ 6.25	\$ 1,250.00
\$ 3.45	\$ 431.25
\$ 40.00	\$ 40.00
\$ 1,790.00	\$ 17,900.00
\$ 1.15	\$ 1,150.00
\$ 1,365.00	\$ 3,003.00
\$ 1,365.00	\$ 3,003.00
\$ 7.35	\$ 9,702.00
\$ 8.25	\$ 495.00
\$ 7.45	\$ 1,639.00
\$ 3,200.00	\$ 3,200.00
\$ 3,020.00	\$ 3,020.00
\$ 1,650.00	\$ 1,650.00
\$ 185.00	\$ 555.00
\$ 26.00	\$ 52.00
\$ 50.15	\$ 16,348.90
<b>Total</b>	<b>\$ 279,361.65</b>
DBE%	2%



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<b>USE =</b>					<b>\$394,000.00</b>

D&M Excavating	
Unit Cost	Cost
\$ 1.10	\$ 1,798.50
\$ 1,270.00	\$ 1,270.00
\$ 4.60	\$ 34,868.00
\$ 2.30	\$ 1,380.00
\$ 9.00	\$ 1,350.00
\$ 9.50	\$ 152.00
\$ 30.00	\$ 8,250.00
\$ 500.00	\$ 500.00
\$ 31.35	\$ 30,096.00
\$ 70.70	\$ 24,038.00
\$ 69.70	\$ 23,698.00
\$ 4.00	\$ 4,440.00
\$ 1.80	\$ 1,008.00
\$ 31.00	\$ 9,920.00
\$ 14,995.00	\$ 29,990.00
\$ 165.00	\$ 330.00
\$ 25.25	\$ 757.50
\$ 118.50	\$ 52,732.50
\$ 16.00	\$ 3,200.00
\$ 9.50	\$ 1,187.50
\$ 210.00	\$ 210.00
\$ 1,060.00	\$ 10,600.00
\$ 3.55	\$ 3,550.00
\$ 1,620.00	\$ 3,564.00
\$ 1,620.00	\$ 3,564.00
\$ 3.00	\$ 3,960.00
\$ 6.10	\$ 366.00
\$ 6.45	\$ 1,419.00
\$ 1,500.00	\$ 1,500.00
\$ 1,475.00	\$ 1,475.00
\$ 7,200.00	\$ 7,200.00
\$ 365.00	\$ 1,095.00
\$ 75.00	\$ 150.00
\$ 43.40	\$ 14,148.40
<b>Total</b>	<b>\$ 283,767.40</b>
DBE%	2.48%

CDA Construction Group	
Unit Cost	Cost
\$ 2.10	\$ 3,433.50
\$ 520.00	\$ 520.00
\$ 5.20	\$ 39,416.00
\$ 1.65	\$ 990.00
\$ 2.55	\$ 382.50
\$ 10.00	\$ 160.00
\$ 6.65	\$ 1,828.75
\$ 907.00	\$ 907.00
\$ 29.70	\$ 28,512.00
\$ 73.50	\$ 24,990.00
\$ 73.50	\$ 24,990.00
\$ 1.95	\$ 2,164.50
\$ 2.20	\$ 1,232.00
\$ 52.25	\$ 16,720.00
\$ 18,000.00	\$ 36,000.00
\$ 34.00	\$ 68.00
\$ 26.60	\$ 798.00
\$ 109.00	\$ 48,505.00
\$ 10.80	\$ 2,160.00
\$ 2.70	\$ 337.50
\$ 22.60	\$ 22.60
\$ 560.00	\$ 5,600.00
\$ 1.40	\$ 1,400.00
\$ 1,128.50	\$ 2,482.70
\$ 1,921.50	\$ 4,227.30
\$ 4.65	\$ 6,138.00
\$ 13.50	\$ 810.00
\$ 8.30	\$ 1,826.00
\$ 4,000.00	\$ 4,000.00
\$ 4,000.00	\$ 4,000.00
\$ 4,825.00	\$ 4,825.00
\$ 245.00	\$ 735.00
\$ 38.70	\$ 77.40
\$ 63.50	\$ 20,701.00
<b>Total</b>	<b>\$ 290,959.75</b>
DBE%	1.97%

Toms Construction	
Unit Cost	Cost
\$ 2.96	\$ 4,839.60
\$ 672.09	\$ 672.09
\$ 9.12	\$ 69,129.60
\$ 2.56	\$ 1,536.00
\$ 6.26	\$ 939.00
\$ 3.39	\$ 54.24
\$ 15.04	\$ 4,136.00
\$ 507.50	\$ 507.50
\$ 21.76	\$ 20,889.60
\$ 69.53	\$ 23,640.20
\$ 70.04	\$ 23,813.60
\$ 3.56	\$ 3,951.60
\$ 2.03	\$ 1,136.80
\$ 44.16	\$ 14,131.20
\$ 16,740.40	\$ 33,480.80
\$ 203.37	\$ 406.74
\$ 29.52	\$ 885.60
\$ 101.51	\$ 45,171.95
\$ 3.36	\$ 672.00
\$ 7.43	\$ 928.75
\$ 42.43	\$ 42.43
\$ 353.00	\$ 3,530.00
\$ 0.82	\$ 820.00
\$ 2,777.40	\$ 6,110.28
\$ 1,203.60	\$ 2,647.92
\$ 5.08	\$ 6,705.60
\$ 11.17	\$ 670.20
\$ 6.09	\$ 1,339.80
\$ 2,967.85	\$ 2,967.85
\$ 2,967.85	\$ 2,967.85
\$ 3,524.08	\$ 3,524.08
\$ 206.60	\$ 619.80
\$ 57.08	\$ 114.16
\$ 30.66	\$ 9,995.16
<b>Total</b>	<b>\$ 292,978.00</b>
DBE%	2%

Kinnison Excavating	
Unit Cost	Cost
\$ 5.00	\$ 8,175.00
\$ 7,500.00	\$ 7,500.00
\$ 6.50	\$ 49,270.00
\$ 1.25	\$ 750.00
\$ 2.00	\$ 300.00
\$ 5.00	\$ 80.00
\$ 13.00	\$ 3,575.00
\$ 7,500.00	\$ 7,500.00
\$ 28.00	\$ 26,880.00
\$ 70.00	\$ 23,800.00
\$ 70.00	\$ 23,800.00
\$ 3.50	\$ 3,885.00
\$ 2.00	\$ 1,120.00
\$ 35.00	\$ 11,200.00
\$ 16,000.00	\$ 32,000.00
\$ 500.00	\$ 1,000.00
\$ 40.00	\$ 1,200.00
\$ 100.00	\$ 44,500.00
\$ 6.00	\$ 1,200.00
\$ 5.00	\$ 625.00
\$ 390.00	\$ 390.00
\$ 1,000.00	\$ 10,000.00
\$ -	\$ -
\$ 700.00	\$ 1,540.00
\$ 1,150.00	\$ 2,530.00
\$ 8.00	\$ 10,560.00
\$ 16.00	\$ 960.00
\$ 10.00	\$ 2,200.00
\$ 3,500.00	\$ 3,500.00
\$ 3,500.00	\$ 3,500.00
\$ 3,000.00	\$ 3,000.00
\$ 200.00	\$ 600.00
\$ 25.00	\$ 50.00
\$ 35.00	\$ 11,410.00
<b>Total</b>	<b>\$ 298,600.00</b>
DBE%	2%



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23	D-752-5.2 EPOXY COATED REINFORCING STEEL	POUND	1000	\$ 2.00	\$2,000.00
24	T-901-5.1 SEEDING	ACRE	2.2	\$ 2,500.00	\$5,500.00
25	T-908-5.1 MULCHING	ACRE	2.2	\$ 1,750.00	\$3,850.00
26	L-108-5.1 3/C #6 XLP-USE, 1 #10 GROUND IN 1-1/4" UNIT DUCT	LF	1320	\$ 7.00	\$9,240.00
27	L-110-5.1 2" GRS CONDUIT, DIRECT BURY	LF	60	\$ 20.00	\$1,200.00
28	L-110-5.2 2 1/2" PVC SCHEDULE 40, DIRECT BURY	LF	220	\$ 15.00	\$3,300.00
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30	SP-1.5.2 15' ROADWAY LIGHT POLE W/ SINGLE FIXTURE	EACH	1	\$ 5,000.00	\$5,000.00
31	SP-1.5.3 NEW ELECTRIC SERVICE	LS	1	\$ 3,500.00	\$3,500.00
32	SP-2.5.1 END OF ROADWAY SIGN AND POST	EACH	3	\$ 150.00	\$450.00
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<b>USE =</b>					<b>\$394,000.00</b>

Brumbaugh Construction	
Unit Cost	Cost
\$ 2.00	\$ 3,270.00
\$ 6,090.00	\$ 6,090.00
\$ 9.50	\$ 72,010.00
\$ 2.00	\$ 1,200.00
\$ 2.00	\$ 300.00
\$ 2.00	\$ 32.00
\$ 15.00	\$ 4,125.00
\$ 1,200.00	\$ 1,200.00
\$ 26.25	\$ 25,200.00
\$ 70.00	\$ 23,800.00
\$ 70.00	\$ 23,800.00
\$ 3.50	\$ 3,885.00
\$ 2.00	\$ 1,120.00
\$ 31.00	\$ 9,920.00
\$ 10,040.00	\$ 20,080.00
\$ 370.00	\$ 740.00
\$ 53.00	\$ 1,590.00
\$ 106.00	\$ 47,170.00
\$ 5.00	\$ 1,000.00
\$ 5.00	\$ 625.00
\$ 120.00	\$ 120.00
\$ 1,400.00	\$ 14,000.00
\$ 1.00	\$ 1,000.00
\$ 2,700.00	\$ 5,940.00
\$ 1,300.00	\$ 2,860.00
\$ 6.50	\$ 8,580.00
\$ 7.20	\$ 432.00
\$ 6.50	\$ 1,430.00
\$ 2,800.00	\$ 2,800.00
\$ 2,650.00	\$ 2,650.00
\$ 1,448.00	\$ 1,448.00
\$ 100.00	\$ 300.00
\$ 30.00	\$ 60.00
\$ 50.00	\$ 16,300.00
<b>Total</b>	<b>\$ 305,077.00</b>
DBE%	4.4%

Milligan Construction	
Unit Cost	Cost
\$ 2.00	\$ 3,270.00
\$ 10,000.00	\$ 10,000.00
\$ 8.00	\$ 60,640.00
\$ 2.00	\$ 1,200.00
\$ 5.00	\$ 750.00
\$ 10.00	\$ 160.00
\$ 15.00	\$ 4,125.00
\$ 1,000.00	\$ 1,000.00
\$ 27.00	\$ 25,920.00
\$ 70.00	\$ 23,800.00
\$ 70.00	\$ 23,800.00
\$ 2.00	\$ 2,220.00
\$ 2.00	\$ 1,120.00
\$ 40.00	\$ 12,800.00
\$ 15,000.00	\$ 30,000.00
\$ 250.00	\$ 500.00
\$ 40.00	\$ 1,200.00
\$ 100.00	\$ 44,500.00
\$ 4.00	\$ 800.00
\$ 2.00	\$ 250.00
\$ 200.00	\$ 200.00
\$ 2,000.00	\$ 20,000.00
\$ 1.00	\$ 1,000.00
\$ 1,500.00	\$ 3,300.00
\$ 1,500.00	\$ 3,300.00
\$ 7.00	\$ 9,240.00
\$ 8.00	\$ 480.00
\$ 7.00	\$ 1,540.00
\$ 4,000.00	\$ 4,000.00
\$ 4,000.00	\$ 4,000.00
\$ 2,500.00	\$ 2,500.00
\$ 250.00	\$ 750.00
\$ 50.00	\$ 100.00
\$ 40.00	\$ 13,040.00
<b>Total</b>	<b>\$ 311,505.00</b>
DBE%	0%

Finrock Construction	
Unit Cost	Cost
\$ 2.00	\$ 3,270.00
\$ 1,845.00	\$ 1,845.00
\$ 4.20	\$ 31,836.00
\$ 2.00	\$ 1,200.00
\$ 5.00	\$ 750.00
\$ 21.00	\$ 336.00
\$ 21.00	\$ 5,775.00
\$ 1,640.00	\$ 1,640.00
\$ 26.00	\$ 24,960.00
\$ 84.00	\$ 28,560.00
\$ 76.50	\$ 26,010.00
\$ 3.50	\$ 3,885.00
\$ 2.00	\$ 1,120.00
\$ 48.50	\$ 15,520.00
\$ 17,200.00	\$ 34,400.00
\$ 450.00	\$ 900.00
\$ 35.00	\$ 1,050.00
\$ 128.00	\$ 56,960.00
\$ 11.00	\$ 2,200.00
\$ 5.00	\$ 625.00
\$ 413.00	\$ 413.00
\$ 1,565.00	\$ 15,650.00
\$ 1.20	\$ 1,200.00
\$ 6,780.00	\$ 14,916.00
\$ 545.00	\$ 1,199.00
\$ 7.00	\$ 9,240.00
\$ 8.00	\$ 480.00
\$ 7.00	\$ 1,540.00
\$ 3,050.00	\$ 3,050.00
\$ 3,065.00	\$ 3,065.00
\$ 1,560.00	\$ 1,560.00
\$ 775.00	\$ 2,325.00
\$ 154.00	\$ 308.00
\$ 62.00	\$ 20,212.00
<b>Total</b>	<b>\$ 318,000.00</b>
DBE%	3%

J&J Schlagel Inc	
Unit Cost	Cost
\$ 4.00	\$ 6,540.00
\$ 3,500.00	\$ 3,500.00
\$ 5.90	\$ 44,722.00
\$ 1.25	\$ 750.00
\$ 10.00	\$ 1,500.00
\$ 10.00	\$ 160.00
\$ 55.00	\$ 15,125.00
\$ 1,500.00	\$ 1,500.00
\$ 31.00	\$ 29,760.00
\$ 72.00	\$ 24,480.00
\$ 72.00	\$ 24,480.00
\$ 4.00	\$ 4,440.00
\$ 1.80	\$ 1,008.00
\$ 29.00	\$ 9,280.00
\$ 15,000.00	\$ 30,000.00
\$ 200.00	\$ 400.00
\$ 35.00	\$ 1,050.00
\$ 175.00	\$ 77,875.00
\$ 4.00	\$ 800.00
\$ 2.00	\$ 250.00
\$ 300.00	\$ 300.00
\$ 1,150.00	\$ 11,500.00
\$ 1.50	\$ 1,500.00
\$ 1,200.00	\$ 2,640.00
\$ 1,200.00	\$ 2,640.00
\$ 7.50	\$ 9,900.00
\$ 9.50	\$ 570.00
\$ 12.50	\$ 2,750.00
\$ 3,900.00	\$ 3,900.00
\$ 3,900.00	\$ 3,900.00
\$ 970.00	\$ 970.00
\$ 350.00	\$ 1,050.00
\$ 100.00	\$ 200.00
\$ 42.00	\$ 13,692.00
<b>Total</b>	<b>\$ 333,132.00</b>
DBE%	0%



By:  
 Crawford, Murphy and Tilly, Inc.  
 8101 N High Street, Suite 150  
 Columbus, Ohio 43235

For:  
 City of Sidney  
 201 West Poplar Street  
 Sidney, Ohio 45365

<b>SIDNEY MUNICIPAL AIRPORT</b>
<b>RSA Improvements - Phase 2</b>
<b>ENGINEERS ESTIMATE OF PROBABLE CONSTRUCTION COST</b>
<b>February 6, 2009</b>

Item No.	Item Description	Unit	Estimated	Unit Cost	Cost
1	P-101-5.1 REMOVE BITUMINOUS PAVEMENT	SY	1635	\$ 5.00	\$8,175.00
2	P-151-4.1 CLEARING AND GRUBBING	LS	1	\$ 1,500.00	\$1,500.00
3	P-152-4.1 UNCLASSIFIED EXCAVATION	CY	7580	\$ 12.50	\$94,750.00
4	P-156-5.1 SILT FENCE	LF	600	\$ 2.10	\$1,260.00
5	P-156-5.2 DITCH CHECK	LF	150	\$ 5.00	\$750.00
6	P-156-5.3 INLET PROTECTION	LF	16	\$ 5.00	\$80.00
7	P-156-5.4 RIP RAP	SY	275	\$ 10.00	\$2,750.00
8	P-156-5.5 STORM WATER POLLUTION PREVENTION PLAN	LS	1	\$ 3,000.00	\$3,000.00
9	P-209-5.1 CRUSHED AGGREGATE BASE COURSE	CY	960	\$ 29.00	\$27,840.00
10	P-403-5.1 ODOT ASPHALT CONCRETE INTERMEDIATE COURSE	TON	340	\$ 85.00	\$28,900.00
11	P-403-5.2 ODOT ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-22	TON	340	\$ 87.00	\$29,580.00
12	P-602-5.1 BITUMINOUS PRIME COAT	GAL	1110	\$ 2.00	\$2,220.00
13	P-603-5.1 BITUMINOUS TACK COAT	GAL	560	\$ 2.00	\$1,120.00
14	F-162-5.1 6' CHAIN LINK FENCE	LF	320	\$ 26.00	\$8,320.00
15	F-162-5.2 22' ELECTRIC GATE	EACH	2	\$ 18,000.00	\$36,000.00
16	F-162-5.3 REMOVE GATE	EACH	2	\$ 150.00	\$300.00
17	D-701-5.1 15" RCP CULVERT (ODOT 603 TYPE A)	LF	30	\$ 40.00	\$1,200.00
18	D-701-5.2 48" RCP CULVERT (ODOT 603 TYPE A)	LF	445	\$ 150.00	\$66,750.00
19	D-701-5.3 FIELD TILE REPLACEMENT	LF	200	\$ 15.00	\$3,000.00
20	D-701-5.4 REMOVE PIPE	LF	125	\$ 10.00	\$1,250.00
21	D-701-5.5 REMOVE INLET	EACH	1	\$ 300.00	\$300.00
22	D-752-5.1 STRUCTURAL CONCRETE	CY	10	\$ 740.00	\$7,400.00
23	D-752-5.2 EPOXY COATED REINFORCING STEEL	POUND	1000	\$ 2.00	\$2,000.00
24	T-901-5.1 SEEDING	ACRE	2.2	\$ 2,500.00	\$5,500.00
25	T-908-5.1 MULCHING	ACRE	2.2	\$ 1,750.00	\$3,850.00
26	L-108-5.1 3/C #6 XLP-USE, 1 #10 GROUND IN 1-1/4" UNIT DUCT	LF	1320	\$ 7.00	\$9,240.00
27	L-110-5.1 2" GRS CONDUIT, DIRECT BURY	LF	60	\$ 20.00	\$1,200.00
28	L-110-5.2 2 1/2" PVC SCHEDULE 40, DIRECT BURY	LF	220	\$ 15.00	\$3,300.00
29	SP-1.5.1 20' ROADWAY LIGHT POLE W/ SINGLE FIXTURE	EACH	1	\$ 5,300.00	\$5,300.00
30	SP-1.5.2 15' ROADWAY LIGHT POLE W/ SINGLE FIXTURE	EACH	1	\$ 5,000.00	\$5,000.00
31	SP-1.5.3 NEW ELECTRIC SERVICE	LS	1	\$ 3,500.00	\$3,500.00
32	SP-2.5.1 END OF ROADWAY SIGN AND POST	EACH	3	\$ 150.00	\$450.00
33	SP-2.5.2 REMOVE SIGN	EACH	2	\$ 40.00	\$80.00
34	SP-3.5.1 6" REINFORCED PCC PAVEMENT (ODOT 451)	SY	326	\$ 80.00	\$26,080.00
<b>TOTAL ESTIMATED CONSTRUCTION COST =</b>					<b>\$391,945.00</b>
<b>Force Account (PIONEER ELECTRIC) =</b>					<b>\$2,000.00</b>
<b>USE =</b>					<b>\$394,000.00</b>

Barret Paving Materials	
Unit Cost	Cost
\$ 5.00	\$ 8,175.00
\$ 25,500.00	\$ 25,500.00
\$ 4.30	\$ 32,594.00
\$ 3.64	\$ 2,184.00
\$ 3.00	\$ 450.00
\$ 3.50	\$ 56.00
\$ 3.00	\$ 825.00
\$ 900.00	\$ 900.00
\$ 40.00	\$ 38,400.00
\$ 86.85	\$ 29,529.00
\$ 89.00	\$ 30,260.00
\$ 5.00	\$ 5,550.00
\$ 2.50	\$ 1,400.00
\$ 43.50	\$ 13,920.00
\$ 14,980.00	\$ 29,960.00
\$ 250.00	\$ 500.00
\$ 17.00	\$ 510.00
\$ 107.00	\$ 47,615.00
\$ 4.00	\$ 800.00
\$ 4.00	\$ 500.00
\$ 750.00	\$ 750.00
\$ 1,500.00	\$ 15,000.00
\$ 4.37	\$ 4,370.00
\$ 1,250.00	\$ 2,750.00
\$ 1,800.00	\$ 3,960.00
\$ 4.92	\$ 6,494.40
\$ 19.40	\$ 1,164.00
\$ 7.77	\$ 1,709.40
\$ 4,564.00	\$ 4,564.00
\$ 4,410.00	\$ 4,410.00
\$ 5,950.00	\$ 5,950.00
\$ 200.00	\$ 600.00
\$ 50.00	\$ 100.00
\$ 40.00	\$ 13,040.00
<b>Total</b>	<b>\$ 334,489.80</b>

DBE% 2%

LeVans' Excavating	
Unit Cost	Cost
\$ 6.00	\$ 9,810.00
\$ 2,500.00	\$ 2,500.00
\$ 5.90	\$ 44,722.00
\$ 2.10	\$ 1,260.00
\$ 3.00	\$ 450.00
\$ 20.00	\$ 320.00
\$ 27.00	\$ 7,425.00
\$ 3,500.00	\$ 3,500.00
\$ 35.00	\$ 33,600.00
\$ 77.00	\$ 26,180.00
\$ 76.00	\$ 25,840.00
\$ 3.75	\$ 4,162.50
\$ 2.10	\$ 1,176.00
\$ 47.10	\$ 15,072.00
\$ 16,200.00	\$ 32,400.00
\$ 275.00	\$ 550.00
\$ 90.00	\$ 2,700.00
\$ 152.00	\$ 67,640.00
\$ 8.00	\$ 1,600.00
\$ 8.50	\$ 1,062.50
\$ 250.00	\$ 250.00
\$ 850.00	\$ 8,500.00
\$ 2.50	\$ 2,500.00
\$ 1,500.00	\$ 3,300.00
\$ 2,400.00	\$ 5,280.00
\$ 7.00	\$ 9,240.00
\$ 20.00	\$ 1,200.00
\$ 8.30	\$ 1,826.00
\$ 4,069.00	\$ 4,069.00
\$ 4,069.00	\$ 4,069.00
\$ 4,840.00	\$ 4,840.00
\$ 500.00	\$ 1,500.00
\$ 55.00	\$ 110.00
\$ 46.20	\$ 15,061.20
<b>Total</b>	<b>\$ 343,715.20</b>

DBE% 5%