

City of Columbus, Ohio
Overall Design Summary for
RiverSouth Phase II Improvements

March 28, 2008

Firm	Project Fee					Total Project Fee
	Division of Sewerage and Drainage	Division of Public Service	Division of Power and Water			
			Power	Water		
Evans, Mechwart, Hambleton, and Tilton, Inc.	\$ 353,616.03	\$ 496,472.95	\$ 23,427.85	\$ 23,966.17	\$ 897,483.00	
DLZ	\$ 120,081.70	\$ 234,430.87	\$ 53,581.94	\$ 127,293.34	\$ 535,387.85	
Prime Engineers and Architects	\$ 80,890.51	\$ 151,527.67	\$ 7,038.65	\$ 16,278.34	\$ 255,735.17	
Overall Project Totals=	\$ 554,588.24	\$ 882,431.49	\$ 84,048.44	\$ 167,537.85	\$ 1,688,606.02	
NOTES:						
1.) Lighting design for Rich Street and Main Street is approximately \$40,000.						
2.) Conduit design for Rich Street and Main Street is approximately \$20,000.						
3.) Items 1 and 2 are shown in the Public Service Fee.						
RiverSouth Phase Ia Supplemental Services						
Firm	Project Fee				Total Project Fee	
	Division of Sewerage and	Division of Public Service	Division of Power and Water			
			Power	Water		
Evans, Mechwart, Hambleton, and Tilton, Inc.	\$ 20,396.40	\$ 60,866.28		\$ 20,396.40	\$ 101,659.08	

APPENDIX EXHIBIT C COST SUMMARY

1. CITY: COLUMBUS, OHIO City of Columbus, Division of Sewers and Drains		2. CIP NO.	3. VERSION:
4. NAME OF CONSULTANT: EMH&T, Inc		PROJECT TITLE: RiverSouth Phase II	
5. ADDRESS: 5500 New Albany Road Columbus, OH 43054		6. TYPE OF CONTRACT: Direct Hourly w/ Multiplier	
7. DIRECT LABOR (DL)		EST. HRS.	HOURLY RATE
Principal	79.16	\$60.00	\$ 4,749.60
Project Manager	497.00	\$54.00	\$ 26,838.00
Project Engineer	531.92	\$36.00	\$ 19,149.12
Design Engineer	879.35	\$30.00	\$ 26,380.50
Engineer Technician	906.64	\$27.00	\$ 24,479.28
Registered Surveyor	64.08	\$45.00	\$ 2,883.60
Drafter	656.55	\$25.00	\$ 16,413.75
Clerical	92.36	\$18.00	\$ 1,662.48
Survey Crew	88.34	\$63.00	\$ 5,565.42
DIRECT LABOR (DL) TOTAL:			\$ 128,121.75
8. HOURLY COST MULTIPLIER (HCM) HCM = (1+OR) * (1+NF) where: OR=Overhead Rate composed of Payroll and Administrative markups. NF=Net			
9. TOTAL LABOR COSTS		(Line 7 x Line 8)	
10. OTHER DIRECT COSTS (ODC) SUBCONTRACTS DLZ Prime Engineering and Architecture		OTHER DIRECT COSTS (ODC) TOTAL:	
11. CONTRACT BASE TOTAL COST (without Task 10 - Supplemental Services) (Line 9+Line 10)		\$ 554,588.24	
12. Contingency Supplemental Services Contract Amount (Section 10) (10% of Total Cost, Line 11)		\$ 55,458.82	
13. If authorized services		\$ 50,466.77	
14. CONTRACT TOTAL		\$ 660,513.84	

**APPENDIX
EXHIBIT B
ESTIMATE OF TIME ALLOCATION BY TASK ACTIVITY**

PROJECT TITLE: RiverSouth Phase II
City of Columbus, Division of Sewers and Drains
FIRM: EMH&T

MANHOURS											
TASK	TASK DESCRIPTION	PR	PM	PE	DE	ET	RS	DR	CL	SC	TOTAL
1	Review Existing Information	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	Design Progress Meetings and Report	30.8	168.0	25.2	0.0	0.0	0.0	0.0	22.4	0.0	246.4
2.1	Project Management	5.6	117.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2.2	Progress Meetings and Reports	25.2	50.4	25.2	0.0	0.0	0.0	0.0	22.4	0.0	
3	Field Investigations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	Maintenance of Traffic	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	Hydrologic and Hydraulic Analysis	0.0	30.0	58.0	200.0	240.0	0.0	0.0	0.0	0.0	528.0
5.1	Modeling	0.0	30.0	50.0	160.0	240.0	0.0	0.0	0.0	0.0	
5.2	Storm sewer calculations	0.0	0.0	4.0	20.0	0.0	0.0	0.0	0.0	0.0	
5.3	Sanitary sewer calculations	0.0	0.0	4.0	20.0	0.0	0.0	0.0	0.0	0.0	
6	Construction Plan Surveying	3.0	14.1	29.0	26.2	88.2	64.1	64.1	14.0	72.3	375.1
6.1	Front Street	0.0	2.2	2.2	4.3	4.3	4.3	4.3	2.2	4.3	
6.2	Rich Street	0.5	3.0	7.5	5.0	20.0	10.0	10.0	2.0	7.5	
6.3	Main Street	0.5	3.0	7.5	5.0	20.0	10.0	10.0	2.0	15.0	
6.4	Wall Street Sewer and Roadway	0.0	1.9	3.9	3.9	3.9	7.8	7.8	3.9	15.5	
6.5	Ludlow Street rehabilitation	2.0	4.0	8.0	8.0	40.0	32.0	32.0	4.0	30.0	
8	Manhole Inspections	0.0	0.0	0.0	8.0	0.0	0.0	8.0	0.0	16.0	32.0
10	Report	2.0	15.0	40.0	80.0	42.0	0.0	80.0	8.0	0.0	267.0
10.1	Sanitary/storm sewer	2.0	15.0	40.0	80.0	42.0	0.0	80.0	8.0	0.0	
10.2	Water	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10.3	Electricity	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10.4	Transportation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	Easement and ROW Acquisition	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	Stormwater Pollution Prevention Plan/NOI	1.7	8.1	27.0	38.6	0.0	0.0	42.9	0.0	0.0	118.3
12.1	Front Street	0.3	2.2	8.1	10.8	0.0	0.0	8.9	0.0	0.0	
12.2	Rich Street	0.3	2.0	7.5	10.0	0.0	0.0	8.3	0.0	0.0	
12.3	Main Street	0.3	2.0	7.5	10.0	0.0	0.0	8.3	0.0	0.0	
12.4	Wall Street	1.0	1.9	3.9	7.8	0.0	0.0	17.5	0.0	0.0	
12.5	Ludlow Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	Draft Construction Plans	24.2	143.9	161.1	250.4	320.8	0.0	228.1	30.1	0.0	1158.6
13.1	Front Street	5.4	40.5	40.5	59.4	81.0	0.0	54.0	6.5	0.0	
13.2	Rich Street	4.0	22.5	30.0	52.5	75.0	0.0	50.0	6.0	0.0	
13.3	Main Street	5.0	37.5	37.5	58.8	85.0	0.0	55.0	6.0	0.0	
13.4	Wall Street	7.8	19.4	29.1	39.8	39.8	0.0	29.1	11.6	0.0	
13.5	Ludlow Street	2.0	24.0	24.0	40.0	40.0	0.0	40.0	0.0	0.0	
14	Other Permits and Evaluations	0.0	0.0	8.0	24.0	0.0	0.0	0.0	0.0	0.0	32.0
14.1	Sanitary PTI	0.0	0.0	8.0	24.0	0.0	0.0	0.0	0.0	0.0	
14.2	Water PTI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15	Revised Construction Plans	17.5	107.9	127.6	172.2	215.7	0.0	233.5	17.8	0.0	892.1
15.1	Front Street	2.7	27.0	27.0	32.4	45.9	0.0	59.4	2.2	0.0	
15.2	Rich Street	2.5	12.5	22.5	30.0	45.0	0.0	50.0	2.0	0.0	
15.3	Main Street	2.5	25.0	25.0	30.0	45.0	0.0	55.0	2.0	0.0	
15.4	Wall Street	7.8	19.4	29.1	39.8	39.8	0.0	29.1	11.6	0.0	
15.5	Ludlow Street	2.0	24.0	24.0	40.0	40.0	0.0	40.0	0.0	0.0	
16	Bid Documents	0.0	2.0	16.0	40.0	0.0	0.0	0.0	0.0	0.0	58.0
16.1	Water	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16.2	Storm/sanitary	0.0	2.0	16.0	40.0	0.0	0.0	0.0	0.0	0.0	
16.3	Transportation/electricity	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	Bidding and Construction Services	0.0	8.0	40.0	40.0	0.0	0.0	0.0	0.0	0.0	88.0
17.1	Water	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17.2	Storm/sanitary	0.0	8.0	40.0	40.0	0.0	0.0	0.0	0.0	0.0	
17.3	Transportation/electricity	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
20	Submission of Electronic Files to DOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	Sanitary and Storm Record Plans	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	Water Record Plans	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	TOTAL HOURS	79.2	497.0	531.9	879.4	906.6	64.1	656.6	92.4	88.3	3795.4
18	Supplemental IF Authorized	0.0	0.0	2.0	8.0	16.0	0.0	0.0	0.0	90.0	116.0
7	Sewer Cleaning and Televising	0.0	0.0	2.0	8.0	16.0	0.0	0.0	0.0	90.0	

APPENDIX EXHIBIT C COST SUMMARY

1. CITY: COLUMBUS, OHIO City of Columbus, Division of Sewerage and Drainage		2. CIP NO.	3. VERSION:																																																		
4. NAME OF CONSULTANT: DLZ		PROJECT TITLE: RiverSouth Phase II																																																			
5. ADDRESS: 6121 Huntley Road Columbus, OH 43229		6. TYPE OF CONTRACT: Direct Hourly w/ Multiplier																																																			
<table border="1"> <tr> <th>7. DIRECT LABOR (DL)</th> <th>EST. HRS.</th> <th>HOURLY RATE</th> <th>EST. COST</th> <th>TOTALS</th> </tr> <tr> <td>Technical Advisor/Project Manager</td> <td align="right">60.96</td> <td align="right">\$52.00</td> <td align="right">3169.92</td> <td></td> </tr> <tr> <td>Senior Engineer</td> <td align="right">207.84</td> <td align="right">\$44.00</td> <td align="right">9144.96</td> <td></td> </tr> <tr> <td>Project Engineer</td> <td align="right">250.73</td> <td align="right">\$35.00</td> <td align="right">8775.55</td> <td></td> </tr> <tr> <td>Engineer</td> <td align="right">383.68</td> <td align="right">\$29.00</td> <td align="right">11126.72</td> <td></td> </tr> <tr> <td>Design Technician</td> <td align="right">261.7</td> <td align="right">\$25.00</td> <td align="right">6542.50</td> <td></td> </tr> <tr> <td>Registered Surveyor</td> <td align="center">-</td> <td align="right">\$0.00</td> <td align="center">-</td> <td></td> </tr> <tr> <td>Drafter</td> <td align="center">-</td> <td align="right">\$0.00</td> <td align="center">-</td> <td></td> </tr> <tr> <td>Clerical</td> <td align="right">30.57</td> <td align="right">\$20.00</td> <td align="right">611.40</td> <td></td> </tr> <tr> <td colspan="3">DIRECT LABOR (DL) TOTAL:</td> <td align="right">\$39,371.05</td> <td></td> </tr> </table>				7. DIRECT LABOR (DL)	EST. HRS.	HOURLY RATE	EST. COST	TOTALS	Technical Advisor/Project Manager	60.96	\$52.00	3169.92		Senior Engineer	207.84	\$44.00	9144.96		Project Engineer	250.73	\$35.00	8775.55		Engineer	383.68	\$29.00	11126.72		Design Technician	261.7	\$25.00	6542.50		Registered Surveyor	-	\$0.00	-		Drafter	-	\$0.00	-		Clerical	30.57	\$20.00	611.40		DIRECT LABOR (DL) TOTAL:			\$39,371.05	
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**APPENDIX
EXHIBIT B
ESTIMATE OF TIME ALLOCATION BY TASK ACTIVITY**

PROJECT TITLE: RiverSouth Phase II
City of Columbus, Division of Sewerage and Drainage
FIRM: DLZ

TASK	TASK DESCRIPTION	MANHOURS						TOTAL
		TA/PM	SE	PE	EN	DT	CL	
1	Review Existing Information	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	Design Progress Meetings and Report	25.2	25.2	0.0	0.0	0.0	0.0	50.4
3	Field Investigations	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	Maintenance of Traffic	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	Hydrologic and Hydraulic Analysis	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.1	Modeling	0.0	0.0	0.0	0.0	0.0	0.0	
5.2	Storm sewer calculations	0.0	0.0	0.0	0.0	0.0	0.0	
5.3	Sanitary sewer calculations	0.0	0.0	0.0	0.0	0.0	0.0	
6	Construction Plan Surveying	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.1	Front Street	0.0	0.0	0.0	0.0	0.0	0.0	
6.2	Rich Street	0.0	0.0	0.0	0.0	0.0	0.0	
6.3	Main Street	0.0	0.0	0.0	0.0	0.0	0.0	
6.4	Wall Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	
6.5	Ludlow Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	
8	Manhole Inspections	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	Geotechnical Investigations	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	Report	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.1	Sanitary/storm sewer	0.0	0.0	0.0	0.0	0.0	0.0	
10.2	Water	0.0	0.0	0.0	0.0	0.0	0.0	
10.3	Electricity	0.0	0.0	0.0	0.0	0.0	0.0	
10.4	Transportation	0.0	0.0	0.0	0.0	0.0	0.0	
11	Easement and ROW Acquisition	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	Stormwater Pollution Prevention Plan/NOI	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.1	Front Street	0.0	0.0	0.0	0.0	0.0	0.0	
12.2	Rich Street	0.0	0.0	0.0	0.0	0.0	0.0	
12.3	Main Street	0.0	0.0	0.0	0.0	0.0	0.0	
12.4	Wall Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	
12.5	Ludlow Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	
13	Draft Construction Plans	16.5	91.2	125.4	194.4	111.2	11.1	549.7
13.1	Front Street	6.5	39.7	52.4	65.9	43.2	4.9	
13.2	Rich Street	4.5	22.0	36.0	46.0	35.5	2.8	
13.3	Main Street	5.5	29.5	37.0	82.5	32.5	3.5	
13.4	Wall Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	
13.5	Ludlow Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	
14	Other Permits and Evaluations	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.1	Sanitary PTI	0.0	0.0	0.0	0.0	0.0	0.0	
14.2	Water PTI	0.0	0.0	0.0	0.0	0.0	0.0	
15	Revised Construction Plans	19.3	91.5	125.4	189.3	150.5	19.5	595.3
15.1	Front Street	5.4	21.6	40.5	62.1	48.6	7.0	
15.2	Rich Street	5.0	27.5	25.0	30.0	50.0	4.5	
15.3	Main Street	5.0	37.5	55.0	87.5	32.5	6.0	
15.4	Wall Street rehabilitation	3.9	4.9	4.9	9.7	19.4	1.9	
15.5	Ludlow Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	
16	Bid Documents	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.1	Water	0.0	0.0	0.0	0.0	0.0	0.0	
16.2	Storm/sanitary	0.0	0.0	0.0	0.0	0.0	0.0	
16.3	Transportation/electricity	0.0	0.0	0.0	0.0	0.0	0.0	
17	Bidding and Construction Services	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.1	Water	0.0	0.0	0.0	0.0	0.0	0.0	
17.2	Storm/sanitary	0.0	0.0	0.0	0.0	0.0	0.0	
17.3	Transportation/electricity	0.0	0.0	0.0	0.0	0.0	0.0	
20	Submission of Electronic Files to DOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	Sanitary and Storm Record Plans	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	Water Record Plans	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	TOTAL HOURS	61.0	207.8	250.7	383.7	261.7	30.6	1195.5
18	Supplemental If Authorized							
	Geotechnical Investigations	5.6	5.6	56.0	56.0	88.2	28.0	

APPENDIX EXHIBIT C COST SUMMARY

1. CITY: COLUMBUS, OHIO City of Columbus, Division of Sewerage and Drainage		2. CIP NO.		3. VERSION:	
4. NAME OF CONSULTANT: Prime Engineering and Architecture, Inc.		PROJECT TITLE: RiverSouth Phase II			
5. ADDRESS: 470 Old Worthington Road, Suite 325 Columbus, OH 43082		6. TYPE OF CONTRACT: Direct Hourly w/ Multiplier			
7. DIRECT LABOR (DL)		EST. HRS.	HOURLY RATE	EST. COST	TOTALS
Principal	0	\$62.50	0.00		
Project Manager	98.94	\$52.75	5219.09		
Project Engineer	158.32	\$39.75	6293.22		
Design Engineer	222.02	\$29.75	6605.10		
Engineer Technician	56	\$27.10	1517.60		
Registered Surveyor	0	\$0.00	0.00		
Drafter	286.93	\$22.10	6341.15		
Clerical	14	\$20.50	287.00		
DIRECT LABOR (DL) TOTAL:				\$26,263.15	
8. HOURLY COST MULTIPLIER (HCM) HCM = (1+OR) * (1+NF) where: OR=Overhead Rate composed of Payroll and Administrative markups.					2.08
9. TOTAL LABOR COSTS					\$54,627.36
10. OTHER DIRECT COSTS (ODC)					
OTHER DIRECT COSTS (ODC) TOTAL:					\$0.00
11. CONTRACT BASE TOTAL COST (without Task 10 - Supplemental Services) (Line 9+Line 10)					\$80,890.51
12. Contingency Supplemental Services Contract Amount (Section 10) (10% of Total Cost, Line 11)					\$8,089.05
13 Contingency If Authorize (Potholing)					\$6,160.00
14 CONTRACT TOTAL					\$95,139.56

**APPENDIX
EXHIBIT B
ESTIMATE OF TIME ALLOCATION BY TASK ACTIVITY**

PROJECT TITLE: RiverSouth Phase II
City of Columbus, Division of Sewerage and Drainage
FIRM: PRIME ENGINEERING AND ARCHITECTURE

TASK	TASK DESCRIPTION	MANHOURS								TOTAL
		PR	PM	PE	DE	ET	RS	DR	CL	
1	Review Existing Information	0.0	6.7	11.2	22.4	22.4	0.0	0.0	14.0	76.7
2	Design Progress Meetings and Report	0.0	25.2	25.2	0.0	0.0	0.0	0.0	0.0	50.4
3	Field Investigations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	Maintenance of Traffic	0.0	22.4	28.0	33.6	33.6	0.0	39.2	0.0	156.8
5	Hydrologic and Hydraulic Analysis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.1	Modeling	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5.2	Storm sewer calculations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5.3	Sanitary sewer calculations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	Construction Plan Surveying	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.1	Front Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6.2	Rich Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6.3	Main Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6.4	Wall Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6.5	Ludlow Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8	Manhole Inspections	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	Geotechnical Investigations (potholing)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	Report	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.1	Sanitary/storm sewer	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10.2	Water	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10.3	Electricity	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10.4	Transportation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	Easement and ROW Acquisition	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	Stormwater Pollution Prevention Plan/NOI	0.0	0.0	0.0	34.7	0.0	0.0	46.4	0.0	81.1
12.1	Front Street	0.0	0.0	0.0	8.1	0.0	0.0	9.5	0.0	
12.2	Rich Street	0.0	0.0	0.0	7.5	0.0	0.0	8.8	0.0	
12.3	Main Street	0.0	0.0	0.0	7.5	0.0	0.0	8.8	0.0	
12.4	Wall Street rehabilitation	0.0	0.0	0.0	11.6	0.0	0.0	19.4	0.0	
12.5	Ludlow Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	Draft Construction Plans	0.0	26.4	50.4	69.7	0.0	0.0	115.3	0.0	261.8
13.1	Front Street	0.0	6.5	10.8	16.2	0.0	0.0	27.0	0.0	
13.2	Rich Street	0.0	6.0	10.0	15.0	0.0	0.0	25.0	0.0	
13.3	Main Street	0.0	6.0	10.0	15.0	0.0	0.0	30.0	0.0	
13.4	Wall Street rehabilitation	0.0	3.9	11.6	15.5	0.0	0.0	23.3	0.0	
13.5	Ludlow Street rehabilitation	0.0	4.0	8.0	8.0	0.0	0.0	10.0	0.0	
14	Other Permits and Evaluations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.1	Sanitary PTI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14.2	Water PTI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15	Revised Construction Plans	0.0	18.3	43.5	46.6	0.0	0.0	32.1	0.0	140.4
15.1	Front Street	0.0	4.3	9.7	10.8	0.0	0.0	6.8	0.0	
15.2	Rich Street	0.0	4.0	9.0	10.0	0.0	0.0	6.3	0.0	
15.3	Main Street	0.0	4.0	9.0	10.0	0.0	0.0	6.3	0.0	
15.4	Wall Street rehabilitation	0.0	1.9	7.8	7.8	0.0	0.0	4.9	0.0	
15.5	Ludlow Street rehabilitation	0.0	4.0	8.0	8.0	0.0	0.0	8.0	0.0	
16	Bid Documents	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.1	Water	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16.2	Storm/sanitary	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16.3	Transportation/electricity	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	Bidding and Construction Services	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.1	Water	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17.2	Storm/sanitary	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17.3	Transportation/electricity	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
20	Submission of Electronic Files to DOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	Sanitary and Storm Record Plans	0.0	0.0	0.0	15.0	0.0	0.0	54.0	0.0	69.0
22	Water Record Plans	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	TOTAL HOURS	0.0	98.9	158.3	222.0	56.0	0.0	286.9	14.0	836.2

APPENDIX **EXHIBIT C** **COST SUMMARY**

1. CITY: COLUMBUS, OHIO City of Columbus, Division of Transportation		2. CIP NO.		3. VERSION:	
4. NAME OF CONSULTANT: EMH&T, Inc		PROJECT TITLE: RiverSouth Phase II			
5. ADDRESS: 5500 New Albany Road Columbus, OH 43054		6. TYPE OF CONTRACT: Direct Hourly w/ Multiplier			
7. DIRECT LABOR (DL)		EST. HRS.	HOURLY RATE	EST. COST	TOTALS
Principal	139.14	\$60.00	\$	8,348.10	
Project Manager	885.24	\$54.00	\$	47,802.96	
Project Engineer	725.37	\$36.00	\$	26,113.32	
Design Engineer	984.77	\$30.00	\$	29,542.95	
Engineer Technician	1,197.79	\$27.00	\$	32,340.33	
Registered Surveyor	65.44	\$45.00	\$	2,944.80	
Drafter	1,027.30	\$25.00	\$	25,682.38	
Clerical	141.80	\$18.00	\$	2,552.40	
Survey Crew	72.29	\$63.00	\$	4,554.27	
DIRECT LABOR (DL) TOTAL:				\$	179,881.51
8. HOURLY COST MULTIPLIER (HCM) HCM = (1+OR) * (1+NF) where: OR=Overhead Rate composed of Payroll and Administrative markups. NF=Net					
9. TOTAL LABOR COSTS				(Line 7 x Line 8)	\$ 316,591.45
10. OTHER DIRECT COSTS (ODC) SUBCONTRACTS DLZ Prime Engineering and Architects					
				OTHER DIRECT COSTS (ODC) TOTAL:	\$ 234,430.87 \$ 151,527.67 \$ 385,958.54
11. CONTRACT BASE TOTAL COST (without Task 10 - Supplemental Services) (Line 9+Line 10)					\$882,431.49
12. Contingency Supplemental Services Contract Amount (Section 10) (10% of Total Cost, Line 11)					\$88,243.15
13. If authorized services					\$14,410.00
14. CONTRACT TOTAL					\$985,084.64

ESTIMATE OF TIME ALLOCATION BY TASK ACTIVITY

PROJECT TITLE: RiverSouth Phase II
City of Columbus, Division of Transportation
FIRM: EMH&T

MANHOURS											
TASK	TASK DESCRIPTION	PR	PM	PE	DE	ET	RS	DR	CL	SC	TOTAL
1	Review Existing Information	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	Design Progress Meetings and Report	72.1	393.0	59.0	0.0	0.0	0.0	0.0	52.4	0.0	576.4
	Project Management	13.1	275.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Progress Meetings and Reports	59.0	117.9	59.0	0.0	0.0	0.0	0.0	52.4	0.0	
3	Field Investigations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	Maintenance of Traffic	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	Hydrologic and Hydraulic Analysis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.1	Modeling	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5.2	Storm sewer calculations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5.3	Sanitary sewer calculations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	Construction Plan Surveying	2.7	21.8	46.4	38.0	120.2	65.4	65.4	16.3	72.3	448.7
6.1	Front Street	0.0	5.3	5.3	10.6	10.6	10.6	10.6	5.3	10.6	
6.2	Rich Street	1.4	8.2	20.6	13.7	54.8	27.4	27.4	5.5	20.6	
6.3	Main Street	1.4	8.2	20.6	13.7	54.8	27.4	27.4	5.5	41.1	
6.4	Wall Street Sewer and Roadway	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6.5	Ludlow Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8	Manhole Inspections	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	Report	4.0	10.0	20.0	80.0	80.0	0.0	40.0	8.0	0.0	242.0
10.1	Sanitary/storm sewer	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10.2	Water	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10.3	Electricity	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10.4	Transportation	4.0	10.0	20.0	80.0	80.0	0.0	40.0	8.0	0.0	
11	Easement and ROW Acquisition	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	Stormwater Pollution Prevention Plan/NOI	2.0	16.3	61.1	81.4	0.0	0.0	67.2	0.0	0.0	227.9
12.1	Front Street	0.7	5.3	20.0	26.6	0.0	0.0	21.9	0.0	0.0	
12.2	Rich Street	0.7	5.5	20.6	27.4	0.0	0.0	22.6	0.0	0.0	
12.3	Main Street	0.7	5.5	20.6	27.4	0.0	0.0	22.6	0.0	0.0	
12.4	Wall Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12.5	Ludlow Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	Draft Construction Plans	38.0	264.2	284.7	451.1	637.9	0.0	420.7	48.8	0.0	2145.4
13.1	Front Street	13.3	99.8	99.8	146.3	199.5	0.0	133.0	16.0	0.0	
13.2	Rich Street	11.0	61.7	82.2	143.9	205.5	0.0	137.0	16.4	0.0	
13.3	Main Street	13.7	102.8	102.8	161.0	232.9	0.0	150.7	16.4	0.0	
13.4	Wall Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13.5	Ludlow Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	Other Permits and Evaluations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.1	Sanitary PTI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14.2	Water PTI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15	Revised Construction Plans	20.4	169.3	196.7	244.2	359.7	0.0	434.0	16.3	0.0	1440.4
15.1	Front Street	6.7	66.5	66.5	79.8	113.1	0.0	146.3	5.3	0.0	
15.2	Rich Street	6.9	34.3	61.7	82.2	123.3	0.0	137.0	5.5	0.0	
15.3	Main Street	6.9	68.5	68.5	82.2	123.3	0.0	150.7	5.5	0.0	
15.4	Wall Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15.5	Ludlow Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	Bid Documents	0.0	3.6	21.6	54.0	0.0	0.0	0.0	0.0	0.0	79.2
16.1	Water	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16.2	Storm/sanitary	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16.3	Transportation/electricity	0.0	3.6	21.6	54.0	0.0	0.0	0.0	0.0	0.0	
17	Bidding and Construction Services	0.0	7.2	36.0	36.0	0.0	0.0	0.0	0.0	0.0	79.2
17.1	Water	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17.2	Storm/sanitary	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17.3	Transportation/electricity	0.0	7.2	36.0	36.0	0.0	0.0	0.0	0.0	0.0	
20	Submission of Electronic Files to DOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	Sanitary and Storm Record Plans	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	Water Record Plans	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	TOTAL HOURS	139.1	885.2	725.4	984.8	1197.8	65.4	1027.3	141.8	72.3	5239.1
18	Supplemental If Authorized	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	Sewer Cleaning and Televising	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

APPENDIX EXHIBIT C COST SUMMARY

1. CITY: COLUMBUS, OHIO City of Columbus, Division of Transportation		2. CIP NO.	3. VERSION:
4. NAME OF CONSULTANT: DLZ		PROJECT TITLE: RiverSouth Phase II	
5. ADDRESS: 6121 Huntley Road Columbus, OH 43229		6. TYPE OF CONTRACT: Direct Hourly w/ Multiplier	
7. DIRECT LABOR (DL)	EST. HRS.	HOURLY RATE	EST. COST
Technical Advisor/Project Manager	101.36	\$52.00	5270.72
Senior Engineer	381.3	\$44.00	16777.20
Project Engineer	556.68	\$35.00	19483.80
Engineer	728.44	\$29.00	21124.76
Design Technician	515.18	\$25.00	12879.50
Registered Surveyor	-	\$0.00	-
Drafter	-	\$0.00	-
Clerical	66.33	\$20.00	1326.60
DIRECT LABOR (DL) TOTAL:			\$76,862.58
8. HOURLY COST MULTIPLIER (HCM)			
HCM = (1+OR) * (1+NF) where: OR=Overhead Rate composed of Payroll and Administrative markups.			
9. TOTAL LABOR COSTS			2.05
10. OTHER DIRECT COSTS (ODC)			\$157,568.29
OTHER DIRECT COSTS (ODC) TOTAL:			\$0.00
11. CONTRACT BASE TOTAL COST (without Task 10 - Supplemental Services) (Line 9+Line 10)			\$234,430.87
12. Contingency Supplemental Services Contract Amount (Section 10) (10% of Total Cost, Line 11)			\$23,443.09
13. If authorized services			\$0.00
14. CONTRACT TOTAL			\$257,873.96

**APPENDIX
EXHIBIT B
ESTIMATE OF TIME ALLOCATION BY TASK ACTIVITY**

PROJECT TITLE: RiverSouth Phase II
City of Columbus, Division of Transportation
FIRM: DLZ

TASK	TASK DESCRIPTION	MANHOURS							Direct Expenses	Indirect Expenses	Total Fee
		TA/PM	SE	PE	EN	DT	CL	TOTAL			
1	Review Existing Information	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
2	Design Progress Meetings and Report	40.5	40.5	0.0	0.0	0.0	0.0	81.0	\$3,888.00	\$7,970.40	\$11,858.40
3	Field Investigations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
4	Maintenance of Traffic	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
5	Hydrologic and Hydraulic Analysis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
5.1	Modeling	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
5.2	Storm sewer calculations	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
5.3	Sanitary sewer calculations	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
6	Construction Plan Surveying	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
6.1	Front Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
6.2	Rich Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
6.3	Main Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
6.4	Wall Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
6.5	Ludlow Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
8	Manhole Inspections	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
9	Geotechnical Investigations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
10	Report	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
10.1	Sanitary/storm sewer	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
10.2	Water	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
10.3	Electricity	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
10.4	Transportation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
11	Easement and ROW Acquisition	0.0	0.0	80.0	0.0	80.0	10.0	170.0	\$5,000.00	\$10,250.00	\$15,250.00
12	Stormwater Pollution Prevention Plan/NOI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0.00	\$0.00	
12.1	Front Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
12.2	Rich Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
12.3	Main Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
12.4	Wall Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
12.5	Ludlow Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
13	Draft Construction Plans	29.5	161.5	223.1	351.0	199.2	19.7	983.9	\$31,998.78	\$65,597.50	\$97,596.28
13.1	Front Street	10.1	61.7	81.5	102.5	67.2	7.6		\$10,895.64	\$22,336.06	
13.2	Rich Street	8.8	43.1	70.6	90.2	69.6	5.4		\$9,287.46	\$19,039.29	
13.3	Main Street	10.6	56.6	71.0	158.4	62.4	6.7		\$11,815.68	\$24,222.14	
13.4	Wall Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0		\$0.00	\$0.00	
13.5	Ludlow Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0		\$0.00	\$0.00	
14	Other Permits and Evaluations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
14.1	Sanitary PFI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
14.2	Water PFI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
15	Revised Construction Plans	27.8	159.5	217.6	323.4	236.0	31.3	995.6	\$31,983.40	\$65,565.97	\$97,549.37
15.1	Front Street	8.4	33.6	63.0	96.6	75.6	10.9		\$9,030.00	\$18,511.50	
15.2	Rich Street	9.8	53.9	49.0	58.8	98.0	8.8		\$8,927.80	\$18,301.99	
15.3	Main Street	9.6	72.0	105.6	168.0	62.4	11.5		\$14,025.60	\$28,752.48	
15.4	Wall Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0		\$0.00	\$0.00	
15.5	Ludlow Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0				
16	Bid Documents	3.6	10.8	18.0	18.0	0.0	3.6	54.0	\$1,886.40	\$3,867.12	\$5,753.52
16.1	Water	0.0	0.0	0.0	0.0	0.0	0.0		\$0.00	\$0.00	
16.2	Storm/sanitary	0.0	0.0	0.0	0.0	0.0	0.0		\$0.00	\$0.00	
16.3	Transportation/electricity	3.6	10.8	18.0	18.0	0.0	3.6		\$1,886.40	\$3,867.12	
17	Bidding and Construction Services	0.0	9.0	18.0	36.0	0.0	1.8	64.8	\$2,106.00	\$4,317.30	\$6,423.30
17.1	Water	0.0	0.0	0.0	0.0	0.0	0.0		\$0.00	\$0.00	
17.2	Storm/sanitary	0.0	0.0	0.0	0.0	0.0	0.0		\$0.00	\$0.00	
17.3	Transportation/electricity	0.0	9.0	18.0	36.0	0.0	1.8		\$2,106.00	\$4,317.30	
20	Submission of Electronic Files to DOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
21	Sanitary and Storm Record Plans	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
22	Water Record Plans	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
	TOTAL HOURS	101.4	381.3	556.7	728.4	515.2	66.3	2349.3		Total Fee =	\$234,430.87
18	Supplemental If Authorized										\$0.00
	Geotechnical Investigation	0.0	0.0	0.0	0.0	0.0	0.0		\$0.00	\$0.00	\$0.00

APPENDIX EXHIBIT C COST SUMMARY

1. CITY: COLUMBUS, OHIO City of Columbus, Division of Transportation		2. CIP NO.		3. VERSION:	
4. NAME OF CONSULTANT: Prime Engineering and Architecture, Inc.		PROJECT TITLE: RiverSouth Phase II			
5. ADDRESS: 470 Old Worthington Road, Suite 325 Columbus, OH 43082		6. TYPE OF CONTRACT: Direct Hourly w/ Multiplier			
7. DIRECT LABOR (DL)		EST. HRS.	HOURLY RATE	EST. COST	TOTALS
Principal	0	\$62.50		0.00	
Project Manager	203.76	\$52.75		10748.34	
Project Engineer	298.44	\$39.75		11862.99	
Design Engineer	416.7	\$29.75		12396.83	
Engineer Technician	128	\$27.10		3468.80	
Registered Surveyor	0	\$0.00		0.00	
Drafter	455.4	\$22.10		10064.34	
Clerical	32	\$20.50		656.00	
DIRECT LABOR (DL) TOTAL:					\$49,197.30
8. HOURLY COST MULTIPLIER (HCM) HCM = (1+OR) * (1+NF) where: OR=Overhead Rate composed of Payroll and Administrative markups.					
					2.08
9. TOTAL LABOR COSTS		(Line 7 x Line 8)			\$102,330.37
10. OTHER DIRECT COSTS (ODC)		OTHER DIRECT COSTS (ODC) TOTAL:			\$0.00
11. CONTRACT BASE TOTAL COST (without Task 10 - Supplemental Services) (Line 9+Line 10)					\$151,527.67
12. Contingency Supplemental Services Contract Amount (Section 10) (10% of Total Cost, Line 11)					\$15,152.77
13. Contingency If Authorized (Potholing)					\$14,410.00
14. CONTRACT TOTAL					\$181,090.44

**APPENDIX
EXHIBIT B
ESTIMATE OF TIME ALLOCATION BY TASK ACTIVITY**

PROJECT TITLE: RiverSouth Phase II
City of Columbus, Division of Transportation
FIRM: PRIME ENGINEERING AND ARCHITECTURE

TASK	TASK DESCRIPTION	MANHOURS								TOTAL
		PR	PM	PE	DE	ET	RS	DR	CL	
1	Review Existing Information	0.0	15.4	25.6	51.2	51.2	0.0	0.0	32.0	175.4
2	Design Progress Meetings and Report	0.0	57.6	57.6	0.0	0.0	0.0	0.0	0.0	115.2
3	Field Investigations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	Maintenance of Traffic	0.0	51.2	64.0	76.8	76.8	0.0	89.6	0.0	358.4
5	Hydrologic and Hydraulic Analysis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.1	Modeling	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5.2	Storm sewer calculations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5.3	Sanitary sewer calculations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	Construction Plan Surveying	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.1	Front Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6.2	Rich Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6.3	Main Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6.4	Wall Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6.5	Ludlow Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8	Manhole Inspections	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	Geotechnical Investigations (potholing)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	Report	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.1	Sanitary/storm sewer	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10.2	Water	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10.3	Electricity	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10.4	Transportation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	Easement and ROW Acquisition	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	Stormwater Pollution Prevention Plan/NOI	0.0	0.0	0.0	59.7	0.0	0.0	69.7	0.0	129.4
12.1	Front Street	0.0	0.0	0.0	19.5	0.0	0.0	22.8	0.0	
12.2	Rich Street	0.0	0.0	0.0	20.1	0.0	0.0	23.5	0.0	
12.3	Main Street	0.0	0.0	0.0	20.1	0.0	0.0	23.5	0.0	
12.4	Wall Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12.5	Ludlow Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	Draft Construction Plans	0.0	47.8	79.6	119.4	0.0	0.0	212.4	0.0	459.2
13.1	Front Street	0.0	15.6	26.0	39.0	0.0	0.0	65.0	0.0	
13.2	Rich Street	0.0	16.1	26.8	40.2	0.0	0.0	67.0	0.0	
13.3	Main Street	0.0	16.1	26.8	40.2	0.0	0.0	80.4	0.0	
13.4	Wall Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13.5	Ludlow Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	Other Permits and Evaluations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.1	Sanitary PTI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14.2	Water PTI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15	Revised Construction Plans	0.0	31.8	71.6	79.6	0.0	0.0	49.8	0.0	232.8
15.1	Front Street	0.0	10.4	23.4	26.0	0.0	0.0	16.3	0.0	
15.2	Rich Street	0.0	10.7	24.1	26.8	0.0	0.0	16.8	0.0	
15.3	Main Street	0.0	10.7	24.1	26.8	0.0	0.0	16.8	0.0	
15.4	Wall Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15.5	Ludlow Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	Bid Documents	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.1	Water	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16.2	Storm/sanitary	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16.3	Transportation/electricity	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	Bidding and Construction Services	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.1	Water	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17.2	Storm/sanitary	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17.3	Transportation/electricity	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
20	Submission of Electronic Files to DOT	0.0	0.0	0.0	30.0	0.0	0.0	34.0	0.0	64.0
21	Sanitary and Storm Record Plans	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	Water Record Plans	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	TOTAL HOURS	0.0	203.8	298.4	416.7	128.0	0.0	455.4	32.0	1534.3

APPENDIX EXHIBIT C COST SUMMARY

1. CITY: COLUMBUS, OHIO City of Columbus, Division of Power and Water - POWER		2. CIP NO.	3. VERSION:
4. NAME OF CONSULTANT: EMH&T, Inc		PROJECT TITLE: RiverSouth Phase II	
5. ADDRESS: 5500 New Albany Road Columbus, OH 43054		6. TYPE OF CONTRACT: Direct Hourly w/ Multiplier	
7. DIRECT LABOR (DL)		EST. HRS.	HOURLY RATE
Principal	6.60	\$60.00	\$ 396.00
Project Manager	41.40	\$54.00	\$ 2,235.60
Project Engineer	37.18	\$36.00	\$ 1,338.48
Design Engineer	48.85	\$30.00	\$ 1,465.50
Engineer Technician	51.96	\$27.00	\$ 1,402.92
Registered Surveyor	3.12	\$45.00	\$ 140.40
Drafter	46.23	\$25.00	\$ 1,155.75
Clerical	6.84	\$18.00	\$ 123.12
Survey Crew	3.66	\$63.00	\$ 230.58
DIRECT LABOR (DL) TOTAL:			\$ 8,488.35
8. HOURLY COST MULTIPLIER (HCM) HCM = (1+OR) * (1+NF) where: OR=Overhead Rate composed of Payroll and Administrative markups. NF=Net			
9. TOTAL LABOR COSTS		(line 7 x line 8)	\$ 14,939.50
10. OTHER DIRECT COSTS (ODC) SUBCONTRACTS DLZ Prime Engineers and Architects		OTHER DIRECT COSTS (ODC) TOTAL:	\$ 53,581.94 \$ 7,038.65 \$ 60,620.60
11. CONTRACT BASE TOTAL COST (without Task 10 - Supplemental Services) (Line 9+line 10)			\$84,048.44
12. Contingency Supplemental Services Contract Amount (Section 10) (10% of Total Cost, line 11)			\$8,404.84
13. If authorized services			\$5,220.71
14. CONTRACT TOTAL			\$97,673.99

APPENDIX
EXHIBIT B
ESTIMATE OF TIME ALLOCATION BY TASK ACTIVITY

PROJECT TITLE: RiverSouth Phase II
City of Columbus, Division of Power and Water - **POWER**
FIRM: EMH&T

MANHOURS											
TASK	TASK DESCRIPTION	PR	PM	PE	DE	ET	RS	DR	CL	SC	TOTAL
1	Review Existing Information	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	Design Progress Meetings and Report	3.3	18.0	2.7	0.0	0.0	0.0	0.0	2.4	0.0	26.4
	Project Management	0.6	12.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Progress Meetings and Reports	2.7	5.4	2.7	0.0	0.0	0.0	0.0	2.4	0.0	
3	Field Investigations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	Maintenance of Traffic	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	Hydrologic and Hydraulic Analysis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.1	Modeling	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5.2	Storm sewer calculations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5.3	Sanitary sewer calculations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	Construction Plan Surveying	0.1	1.0	2.2	1.8	5.4	3.1	3.1	0.8	3.7	21.2
6.1	Front Street	0.0	0.2	0.2	0.5	0.5	0.5	0.5	0.2	0.5	
6.2	Rich Street	0.1	0.4	0.9	0.6	2.4	1.2	1.2	0.2	0.9	
6.3	Main Street	0.1	0.4	0.9	0.6	2.4	1.2	1.2	0.2	1.8	
6.4	Wall Street Sewer and Roadway	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.5	
6.5	Ludlow Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8	Manhole Inspections	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	Report	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.1	Sanitary/storm sewer	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10.2	Water	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10.3	Electricity	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10.4	Transportation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	Easement and ROW Acquisition	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	Stormwater Pollution Prevention Plan/NOI	0.1	0.8	2.8	3.8	0.0	0.0	3.5	0.0	0.0	11.1
12.1	Front Street	0.0	0.2	0.9	1.2	0.0	0.0	1.0	0.0	0.0	
12.2	Rich Street	0.0	0.2	0.9	1.2	0.0	0.0	1.0	0.0	0.0	
12.3	Main Street	0.0	0.2	0.9	1.2	0.0	0.0	1.0	0.0	0.0	
12.4	Wall Street	0.0	0.1	0.1	0.2	0.0	0.0	0.5	0.0	0.0	
12.5	Ludlow Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	Draft Construction Plans	1.9	12.3	13.5	21.2	29.4	0.0	19.5	2.5	0.0	100.4
13.1	Front Street	0.6	4.5	4.5	6.6	9.0	0.0	6.0	0.7	0.0	
13.2	Rich Street	0.5	2.7	3.6	6.3	9.0	0.0	6.0	0.7	0.0	
13.3	Main Street	0.6	4.5	4.5	7.1	10.2	0.0	6.6	0.7	0.0	
13.4	Wall Street	0.2	0.6	0.9	1.2	1.2	0.0	0.9	0.4	0.0	
13.5	Ludlow Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	Other Permits and Evaluations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.1	Sanitary PTI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14.2	Water PTI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15	Revised Construction Plans	1.1	8.1	9.6	12.0	17.1	0.0	20.1	1.1	0.0	69.2
15.1	Front Street	0.3	3.0	3.0	3.6	5.1	0.0	6.6	0.2	0.0	
15.2	Rich Street	0.3	1.5	2.7	3.6	5.4	0.0	6.0	0.2	0.0	
15.3	Main Street	0.3	3.0	3.0	3.6	5.4	0.0	6.6	0.2	0.0	
15.4	Wall Street	0.2	0.6	0.9	1.2	1.2	0.0	0.9	0.4	0.0	
15.5	Ludlow Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	Bid Documents	0.0	0.4	2.4	6.0	0.0	0.0	0.0	0.0	0.0	8.8
16.1	Water	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16.2	Storm/sanitary	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16.3	Transportation/electricity	0.0	0.4	2.4	6.0	0.0	0.0	0.0	0.0	0.0	
17	Bidding and Construction Services	0.0	0.8	4.0	4.0	0.0	0.0	0.0	0.0	0.0	8.8
17.1	Water	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17.2	Storm/sanitary	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17.3	Transportation/electricity	0.0	0.8	4.0	4.0	0.0	0.0	0.0	0.0	0.0	
20	Submission of Electronic Files to DOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	Sanitary and Storm Record Plans	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	Water Record Plans	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	TOTAL HOURS	6.6	41.4	37.2	48.9	52.0	3.1	46.2	6.8	3.7	245.8
18	Supplemental If Authorized	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	Sewer Cleaning and Televising	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	Wall Street Enhancements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

APPENDIX EXHIBIT C COST SUMMARY

1. CITY: COLUMBUS, OHIO City of Columbus, Division of Power and Water - POWER		2. CIP NO.	3. VERSION:
4. NAME OF CONSULTANT: DLZ		PROJECT TITLE: RiverSouth Phase II	
5. ADDRESS: 6121 Huntley Road Columbus, OH 43229		6. TYPE OF CONTRACT: Direct Hourly w/ Multiplier	
7. DIRECT LABOR (DL)	EST. HRS.	HOURLY RATE	EST. COST
Technical Advisor/Project Manager	22.24	\$52.00	1156.48
Senior Engineer	87.3	\$44.00	3841.20
Project Engineer	117.75	\$35.00	4121.25
Engineer	177.68	\$29.00	5152.72
Design Technician	119.08	\$25.00	2977.00
Registered Surveyor	-	\$0.00	-
Drafter	-	\$0.00	-
Clerical	15.96	\$20.00	319.20
DIRECT LABOR (DL) TOTAL:			\$17,567.85
8. HOURLY COST MULTIPLIER (HCM) HCM = (1+OR) * (1+NF) where: OR=Overhead Rate composed of Payroll and Administrative markups.			
			2.05
9. TOTAL LABOR COSTS		OTHER DIRECT COSTS (ODC) TOTAL:	
(Line 7 x Line 8)			
		11. CONTRACT BASE TOTAL COST (without Task 10 - Supplemental Services) (Line 9+Line 10) 12. Contingency Supplemental Services Contract Amount (Section 10) (10% of Total Cost, Line 11) 13. If authorized services	
		\$53,581.94 \$5,358.19 \$4,560.71	
14. CONTRACT TOTAL		\$63,500.84	

**APPENDIX
EXHIBIT B
ESTIMATE OF TIME ALLOCATION BY TASK ACTIVITY**

PROJECT TITLE: RiverSouth Phase II
City of Columbus, Division of Power and Water - POWER
FIRM: DLZ

TASK	TASK DESCRIPTION	MANHOURS							TOTAL	Direct Expenses	Indirect Expenses	Total Fee
		TA/PM	SE	PE	EN	DT	CL					
1	Review Existing Information	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
2	Design Progress Meetings and Report	9.0	9.0	0.0	0.0	0.0	0.0	0.0	18.0	\$864.00	\$1,771.20	\$2,635.20
3	Field Investigations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
4	Maintenance of Traffic	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
5	Hydrologic and Hydraulic Analysis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
5.1	Modeling	0.0	0.0	0.0	0.0	0.0	0.0	0.0		\$0.00	\$0.00	
5.2	Storm sewer calculations	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
5.3	Sanitary sewer calculations	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
6	Construction Plan Surveying	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
6.1	Front Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
6.2	Rich Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
6.3	Main Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
6.4	Wall Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
6.5	Ludlow Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
8	Manhole Inspections	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
9	Geotechnical Investigations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
10	Report	0.0	8.0	20.0	40.0	16.0	4.0	88.0		\$2,692.00	\$5,518.60	\$8,210.60
10.1	Sanitary/storm sewer	0.0	0.0	0.0	0.0	0.0	0.0	0.0		\$0.00	\$0.00	
10.2	Water	0.0	0.0	0.0	0.0	0.0	0.0	0.0		\$0.00	\$0.00	
10.3	Electricity	0.0	8.0	20.0	40.0	16.0	4.0			\$2,692.00	\$5,518.60	
10.4	Transportation	0.0	0.0	0.0	0.0	0.0	0.0	0.0		\$0.00	\$0.00	
11	Easement and ROW Acquisition	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
12	Stormwater Pollution Prevention Plan/NOI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0.00	\$0.00	
12.1	Front Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
12.2	Rich Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
12.3	Main Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
12.4	Wall Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
12.5	Ludlow Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
13	Draft Construction Plans	6.5	36.2	51.3	70.7	45.9	4.4	215.0		\$7,010.66	\$14,371.85	\$21,382.51
13.1	Front Street	3.1	19.1	25.2	31.7	20.8	2.3			\$3,372.46	\$6,913.54	
13.2	Rich Street	2.5	12.3	20.2	25.8	19.9	1.5			\$2,653.56	\$5,439.80	
13.3	Main Street	0.9	4.7	5.9	13.2	5.2	0.6			\$984.64	\$2,018.51	
13.4	Wall Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0			\$0.00	\$0.00	
13.5	Ludlow Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0			\$0.00	\$0.00	
14	Other Permits and Evaluations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
14.1	Sanitary PFI	0.0	0.0	0.0	0.0	0.0	0.0	0.0		\$0.00	\$0.00	
14.2	Water PFI	0.0	0.0	0.0	0.0	0.0	0.0	0.0		\$0.00	\$0.00	
15	Revised Construction Plans	6.3	32.0	42.5	61.0	57.2	6.9	205.8		\$6,557.59	\$13,443.06	\$20,000.65
15.1	Front Street	2.6	10.4	19.5	29.9	23.4	3.4			\$2,795.00	\$5,729.75	
15.2	Rich Street	2.8	15.4	14.0	16.8	28.0	2.5			\$2,550.80	\$5,229.14	
15.3	Main Street	0.8	6.0	8.8	14.0	5.2	1.0			\$1,168.80	\$2,396.04	
15.4	Wall Street rehabilitation	0.1	0.2	0.2	0.3	0.6	0.1			\$42.99	\$88.13	
15.5	Ludlow Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0					
16	Bid Documents	0.4	1.2	2.0	2.0	0.0	0.4	6.0		\$209.60	\$429.68	\$639.28
16.1	Water	0.0	0.0	0.0	0.0	0.0	0.0			\$0.00	\$0.00	
16.2	Storm/sanitary	0.0	0.0	0.0	0.0	0.0	0.0			\$0.00	\$0.00	
16.3	Transportation/electricity	0.4	1.2	2.0	2.0	0.0	0.4			\$209.60	\$429.68	
17	Bidding and Construction Services	0.0	1.0	2.0	4.0	0.0	0.2	7.2		\$234.00	\$479.70	\$713.70
17.1	Water	0.0	0.0	0.0	0.0	0.0	0.0			\$0.00	\$0.00	
17.2	Storm/sanitary	0.0	0.0	0.0	0.0	0.0	0.0			\$0.00	\$0.00	
17.3	Transportation/electricity	0.0	1.0	2.0	4.0	0.0	0.2			\$234.00	\$479.70	
20	Submission of Electronic Files to DOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
21	Sanitary and Storm Record Plans	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
22	Water Record Plans	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
	TOTAL HOURS	22.2	87.3	117.8	177.7	119.1	16.0	540.0			Total Fee =	\$53,581.94
18	Supplemental If Authorized											\$3,600.71
	Geotechnical Investigations	1.0	1.0	9.6	9.6	15.1	4.8			\$1,180.56	\$2,420.15	\$3,600.71

APPENDIX EXHIBIT C COST SUMMARY

1. CITY: COLUMBUS, OHIO City of Columbus, Division of Power and Water - POWER		2. CIP NO.	3. VERSION:
4. NAME OF CONSULTANT: Prime Engineering and Architecture, Inc.		PROJECT TITLE: RiverSouth Phase II	
5. ADDRESS: 470 Old Worthington Road, Suite 325 Columbus, OH 43082		6. TYPE OF CONTRACT: Direct Hourly w/ Multiplier	
7. DIRECT LABOR (DL)	EST. HRS.	HOURLY RATE	EST. COST
Principal	0	\$62.50	0.00
Project Manager	9.6	\$52.75	506.40
Project Engineer	14.34	\$39.75	570.02
Design Engineer	18.78	\$29.75	558.71
Engineer Technician	6	\$27.10	162.60
Registered Surveyor	0	\$0.00	0.00
Drafter	20.67	\$22.10	456.81
Clerical	1.5	\$20.50	30.75
DIRECT LABOR (DL) TOTAL:			\$2,285.28
8. HOURLY COST MULTIPLIER (HCM) HCM = (1+OR) * (1+NF) where: OR=Overhead Rate composed of Payroll and Administrative markups.			
			2.08
9. TOTAL LABOR COSTS		(Line 7 x Line 8)	\$4,753.38
10. OTHER DIRECT COSTS (ODC)		OTHER DIRECT COSTS (ODC) TOTAL:	\$0.00
11. CONTRACT BASE TOTAL COST (without Task 10 - Supplemental Services) (Line 9+Line 10)		\$7,038.65	
12. Contingency Supplemental Services Contract Amount (Section 10) (10% of Total Cost, Line 11)		\$703.87	
13. If authorized services (Potoling)		\$660.00	
14 CONTRACT TOTAL		\$8,402.52	

**APPENDIX
EXHIBIT B
ESTIMATE OF TIME ALLOCATION BY TASK ACTIVITY**

PROJECT TITLE: RiverSouth Phase II
City of Columbus, Division of Power and Water - **POWER**
FIRM: PRIME ENGINEERING AND ARCHITECTURE

TASK	TASK DESCRIPTION	MANHOURS								TOTAL
		PR	PM	PE	DE	ET	RS	DR	CL	
1	Review Existing Information	0.0	0.7	1.2	2.4	2.4	0.0	0.0	1.5	8.2
2	Design Progress Meetings and Report	0.0	2.7	2.7	0.0	0.0	0.0	0.0	0.0	5.4
3	Field Investigations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	Maintenance of Traffic	0.0	2.4	3.0	3.6	3.6	0.0	4.2	0.0	16.8
5	Hydrologic and Hydraulic Analysis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.1	Modeling	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5.2	Storm sewer calculations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5.3	Sanitary sewer calculations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	Construction Plan Surveying	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.1	Front Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6.2	Rich Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6.3	Main Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6.4	Wall Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6.5	Ludlow Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8	Manhole Inspections	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	Geotechnical Investigations (potholing)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	Report	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.1	Sanitary/storm sewer	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10.2	Water	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10.3	Electricity	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10.4	Transportation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	Easement and ROW Acquisition	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	Stormwater Pollution Prevention Plan/NOI	0.0	0.0	0.0	3.1	0.0	0.0	3.8	0.0	6.8
12.1	Front Street	0.0	0.0	0.0	0.9	0.0	0.0	1.1	0.0	
12.2	Rich Street	0.0	0.0	0.0	0.9	0.0	0.0	1.1	0.0	
12.3	Main Street	0.0	0.0	0.0	0.9	0.0	0.0	1.1	0.0	
12.4	Wall Street rehabilitation	0.0	0.0	0.0	0.4	0.0	0.0	0.6	0.0	
12.5	Ludlow Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	Draft Construction Plans	0.0	2.3	4.0	5.9	0.0	0.0	10.3	0.0	22.4
13.1	Front Street	0.0	0.7	1.2	1.8	0.0	0.0	3.0	0.0	
13.2	Rich Street	0.0	0.7	1.2	1.8	0.0	0.0	3.0	0.0	
13.3	Main Street	0.0	0.7	1.2	1.8	0.0	0.0	3.6	0.0	
13.4	Wall Street rehabilitation	0.0	0.1	0.4	0.5	0.0	0.0	0.7	0.0	
13.5	Ludlow Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	Other Permits and Evaluations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.1	Sanitary PTI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14.2	Water PTI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15	Revised Construction Plans	0.0	1.5	3.5	3.8	0.0	0.0	2.4	0.0	11.2
15.1	Front Street	0.0	0.5	1.1	1.2	0.0	0.0	0.8	0.0	
15.2	Rich Street	0.0	0.5	1.1	1.2	0.0	0.0	0.8	0.0	
15.3	Main Street	0.0	0.5	1.1	1.2	0.0	0.0	0.8	0.0	
15.4	Wall Street rehabilitation	0.0	0.1	0.2	0.2	0.0	0.0	0.2	0.0	
15.5	Ludlow Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	Bid Documents	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.1	Water	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16.2	Storm/sanitary	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16.3	Transportation/electricity	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	Bidding and Construction Services	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.1	Water	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17.2	Storm/sanitary	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17.3	Transportation/electricity	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
20	Submission of Electronic Files to DOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	Sanitary and Storm Record Plans	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	Water Record Plans	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	TOTAL HOURS	0.0	9.6	14.3	18.8	6.0	0.0	20.7	1.5	70.9

APPENDIX EXHIBIT C COST SUMMARY

1. CITY: COLUMBUS, OHIO		2. CIP NO.		3. VERSION:	
City of Columbus, Division of Power and Water - WATER					
4. NAME OF CONSULTANT: EMH&T, Inc		PROJECT TITLE: RiverSouth Phase II			
5. ADDRESS: 5500 New Albany Road Columbus, OH 43054		6. TYPE OF CONTRACT: Direct Hourly w/ Multiplier			
7. DIRECT LABOR (DL)		EST. HRS.	HOURLY RATE	EST. COST	TOTALS
Principal	7.11	\$60.00	\$	426.30	
Project Manager	45.36	\$54.00	\$	2,449.44	
Project Engineer	33.53	\$36.00	\$	1,207.08	
Design Engineer	42.04	\$30.00	\$	1,261.05	
Engineer Technician	57.61	\$27.00	\$	1,555.47	
Registered Surveyor	3.36	\$45.00	\$	151.20	
Drafter	50.93	\$25.00	\$	1,273.13	
Clerical	7.00	\$18.00	\$	126.00	
Survey Crew	3.71	\$63.00	\$	233.73	
DIRECT LABOR (DL) TOTAL:				\$	8,683.40
8. HOURLY COST MULTIPLIER (HCM)					
HCM = (1+OR) * (1+NF) where: OR=Overhead Rate composed of Payroll and Administrative markups. NF=Net					
				\$	1.76
9. TOTAL LABOR COSTS				(Line 7 x Line 8)	\$ 15,282.78
10. OTHER DIRECT COSTS (ODC)					
SUBCONTRACTS					
DLZ					
Prime Engineers and Architects					
				\$	127,293.34
				\$	16,278.34
				\$	143,571.68
				OTHER DIRECT COSTS (ODC) TOTAL:	
11. CONTRACT BASE TOTAL COST (without Task 10 - Supplemental Services) (Line 9+Line 10)				\$	\$167,537.85
12. Contingency Supplemental Services Contract Amount (Section 10) (10% of Total Cost, Line 11)				\$	\$16,753.78
13. If authorized services				\$	\$7,611.06
14. CONTRACT TOTAL					\$191,902.69

PROJECT TITLE: RiverSouth Phase II
City of Columbus, Division of Power and Water - **WATER**
FIRM: EMH&T

		MANHOURS									
TASK	TASK DESCRIPTION	PR	PM	PE	DE	ET	RS	DR	CL	SC	TOTAL
1	Review Existing Information	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	Design Progress Meetings and Report	3.9	21.0	3.2	0.0	0.0	0.0	0.0	2.8	0.0	30.8
2.1	Project Management	0.7	14.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2.2	Progress Meetings and Reports	3.2	6.3	3.2	0.0	0.0	0.0	0.0	2.8	0.0	
3	Field Investigations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	Maintenance of Traffic	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	Hydrologic and Hydraulic Analysis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.1	Modeling	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5.2	Storm sewer calculations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5.3	Sanitary sewer calculations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	Construction Plan Surveying	0.1	1.1	2.4	2.0	6.2	3.4	3.4	0.8	3.7	23.0
6.1	Front Street	0.0	0.3	0.3	0.6	0.6	0.6	0.6	0.3	0.6	
6.2	Rich Street	0.1	0.4	1.1	0.7	2.8	1.4	1.4	0.3	1.1	
6.3	Main Street	0.1	0.4	1.1	0.7	2.8	1.4	1.4	0.3	2.1	
6.4	Wall Street Sewer and Roadway	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6.5	Ludlow Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8	Manhole Inspections	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	Report	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.1	Sanitary/storm sewer	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10.2	Water	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10.3	Electricity	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10.4	Transportation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	Easement and ROW Acquisition	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	Stormwater Pollution Prevention Plan/NOI	0.1	0.8	3.2	4.2	0.0	0.0	3.5	0.0	0.0	11.8
12.1	Front Street	0.0	0.3	1.1	1.4	0.0	0.0	1.2	0.0	0.0	
12.2	Rich Street	0.0	0.3	1.1	1.4	0.0	0.0	1.2	0.0	0.0	
12.3	Main Street	0.0	0.3	1.1	1.4	0.0	0.0	1.2	0.0	0.0	
12.4	Wall Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12.5	Ludlow Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	Draft Construction Plans	2.0	13.7	14.7	23.3	32.9	0.0	21.7	2.5	0.0	110.7
13.1	Front Street	0.7	5.3	5.3	7.7	10.5	0.0	7.0	0.8	0.0	
13.2	Rich Street	0.6	3.2	4.2	7.4	10.5	0.0	7.0	0.8	0.0	
13.3	Main Street	0.7	5.3	5.3	8.2	11.9	0.0	7.7	0.8	0.0	
13.4	Wall Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13.5	Ludlow Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	Other Permits and Evaluations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.1	Sanitary PTI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14.2	Water PTI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15	Revised Construction Plans	1.1	8.8	10.2	12.6	18.6	0.0	22.4	0.8	0.0	74.3
15.1	Front Street	0.4	3.5	3.5	4.2	6.0	0.0	7.7	0.3	0.0	
15.2	Rich Street	0.4	1.8	3.2	4.2	6.3	0.0	7.0	0.3	0.0	
15.3	Main Street	0.4	3.5	3.5	4.2	6.3	0.0	7.7	0.3	0.0	
15.4	Wall Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15.5	Ludlow Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	Bid Documents	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.1	Water	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16.2	Storm/sanitary	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16.3	Transportation/electricity	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	Bidding and Construction Services	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.1	Water	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17.2	Storm/sanitary	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17.3	Transportation/electricity	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
20	Submission of Electronic Files to DOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	Sanitary and Storm Record Plans	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	Water Record Plans	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	TOTAL HOURS	7.1	45.4	33.5	42.0	57.6	3.4	50.9	7.0	3.7	250.6
18	Supplemental If Authorized	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	Sewer Cleaning and Televising	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

APPENDIX EXHIBIT C COST SUMMARY

1. CITY: COLUMBUS, OHIO City of Columbus, Division of Power and Water - WATER		2. CIP NO.	3. VERSION:
4. NAME OF CONSULTANT: DLZ		PROJECT TITLE: RiverSouth Phase II	
5. ADDRESS: 6121 Huntley Road Columbus, OH 43229		6. TYPE OF CONTRACT: Direct Hourly w/ Multiplier	
7. DIRECT LABOR (DL)	EST. HRS.	HOURLY RATE	EST. COST
Technical Advisor/Project Manager	37.44	\$52.00	1946.88
Senior Engineer	232.56	\$44.00	10232.64
Project Engineer	403.84	\$35.00	14134.40
Engineer	338.2	\$29.00	9807.80
Design Technician	178.04	\$25.00	4451.00
Registered Surveyor	-	\$0.00	-
Drafter	-	\$0.00	-
Clerical	58.14	\$20.00	1162.80
DIRECT LABOR (DL) TOTAL:			\$41,735.52
8. HOURLY COST MULTIPLIER (HCM) HCM = (1+OR) * (1+NF) where: OR=Overhead Rate composed of Payroll and Administrative markups.			
			2.05
9. TOTAL LABOR COSTS	(line 7 x line 8)		
	\$85,557.82		
10. OTHER DIRECT COSTS (ODC)	OTHER DIRECT COSTS (ODC) TOTAL:		
	\$0.00		
11. CONTRACT BASE TOTAL COST (without Task 10 - Supplemental Services) (line 9+line 10)	\$127,293.34		
12. Contingency Supplemental Services Contract Amount (Section 10) (10% of Total Cost, line 11)	\$12,729.33		
13. If authorized services	\$6,841.06		
14. CONTRACT TOTAL	\$146,863.73		

**APPENDIX
EXHIBIT B
ESTIMATE OF TIME ALLOCATION BY TASK ACTIVITY**

PROJECT TITLE: RiverSouth Phase II
City of Columbus, Division of Power and Water - **WATER**
FIRM: DLZ

TASK	TASK DESCRIPTION	MANHOURS						TOTAL
		TA/PM	SE	PE	EN	DT	CL	
1	Review Existing Information	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	Design Progress Meetings and Report	15.3	15.3	0.0	0.0	0.0	0.0	30.6
3	Field Investigations	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	Maintenance of Traffic	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	Hydrologic and Hydraulic Analysis	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.1	Modeling	0.0	0.0	0.0	0.0	0.0	0.0	
5.2	Storm sewer calculations	0.0	0.0	0.0	0.0	0.0	0.0	
5.3	Sanitary sewer calculations	0.0	0.0	0.0	0.0	0.0	0.0	
6	Construction Plan Surveying	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.1	Front Street	0.0	0.0	0.0	0.0	0.0	0.0	
6.2	Rich Street	0.0	0.0	0.0	0.0	0.0	0.0	
6.3	Main Street	0.0	0.0	0.0	0.0	0.0	0.0	
6.4	Wall Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	
6.5	Ludlow Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	
8	Manhole Inspections	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	Geotechnical Investigations	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	Report	0.0	8.0	40.0	40.0	16.0	4.0	108.0
10.1	Sanitary/storm sewer	0.0	0.0	0.0	0.0	0.0	0.0	
10.2	Water	0.0	8.0	40.0	40.0	16.0	4.0	
10.3	Electricity	0.0	0.0	0.0	0.0	0.0	0.0	
10.4	Transportation	0.0	0.0	0.0	0.0	0.0	0.0	
11	Easement and ROW Acquisition	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	Stormwater Pollution Prevention Plan/NOI	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.1	Front Street	0.0	0.0	0.0	0.0	0.0	0.0	
12.2	Rich Street	0.0	0.0	0.0	0.0	0.0	0.0	
12.3	Main Street	0.0	0.0	0.0	0.0	0.0	0.0	
12.4	Wall Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	
12.5	Ludlow Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	
13	Draft Construction Plans	11.5	64.2	86.2	141.9	75.7	7.8	387.4
13.1	Front Street	4.3	26.5	34.9	43.9	28.8	3.2	
13.2	Rich Street	2.2	10.6	17.3	22.1	17.0	1.3	
13.3	Main Street	5.1	27.1	34.0	75.9	29.9	3.2	
13.4	Wall Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	
13.5	Ludlow Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	
14	Other Permits and Evaluations	0.0	0.0	8.0	20.0	0.0	0.0	28.0
14.1	Sanitary PTI	0.0	0.0	0.0	0.0	0.0	0.0	
14.2	Water PTI	0.0	0.0	8.0	20.0	0.0	0.0	
15	Revised Construction Plans	10.6	62.1	89.6	136.3	86.3	12.4	397.3
15.1	Front Street	3.6	14.4	27.0	41.4	32.4	4.7	
15.2	Rich Street	2.4	13.2	12.0	14.4	24.0	2.2	
15.3	Main Street	4.6	34.5	50.6	80.5	29.9	5.5	
15.4	Wall Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	
15.5	Ludlow Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	
16	Bid Documents	0.0	8.0	50.0	0.0	0.0	24.0	82.0
16.1	Water	0.0	8.0	50.0	0.0	0.0	24.0	
16.2	Storm/sanitary	0.0	0.0	0.0	0.0	0.0	0.0	
16.3	Transportation/electricity	0.0	0.0	0.0	0.0	0.0	0.0	
17	Bidding and Construction Services	0.0	75.0	130.0	0.0	0.0	10.0	215.0
17.1	Water	0.0	75.0	130.0	0.0	0.0	10.0	
17.2	Storm/sanitary	0.0	0.0	0.0	0.0	0.0	0.0	
17.3	Transportation/electricity	0.0	0.0	0.0	0.0	0.0	0.0	
20	Submission of Electronic Files to DOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	Sanitary and Storm Record Plans	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	Water Record Plans	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	TOTAL HOURS	37.4	232.6	403.8	338.2	178.0	58.1	1248.2
18	Supplemental If Authorized							
	Geotechnical Investigations	1.4	1.4	14.4	14.4	22.7	7.2	

APPENDIX EXHIBIT C COST SUMMARY

1. CITY: COLUMBUS, OHIO City of Columbus, Division of Power and Water - WATER		2. CIP NO.	3. VERSION:
4. NAME OF CONSULTANT: Prime Engineering and Architecture, Inc.		PROJECT TITLE: RiverSouth Phase II	
5. ADDRESS: 470 Old Worthington Road, Suite 325 Columbus, OH 43082		6. TYPE OF CONTRACT: Direct Hourly w/ Multiplier	
7. DIRECT LABOR (DL)	EST. HRS.	HOURLY RATE	EST. COST
Principal	0	\$62.50	0.00
Project Manager	15.7	\$52.75	828.18
Project Engineer	22.9	\$39.75	910.28
Design Engineer	44.5	\$29.75	1323.88
Engineer Technician	10	\$27.10	271.00
Registered Surveyor	0	\$0.00	0.00
Drafter	86	\$22.10	1900.60
Clerical	2.5	\$20.50	51.25
DIRECT LABOR (DL) TOTAL:			\$5,285.18
8. HOURLY COST MULTIPLIER (HCM) HCM = (1 + OR) * (1 + NF) where: OR=Overhead Rate composed of Payroll and Administrative markups.			
			2.08
9. TOTAL LABOR COSTS		(Line 7 x Line 8)	\$10,993.16
10. OTHER DIRECT COSTS (ODC)		OTHER DIRECT COSTS (ODC) TOTAL:	\$0.00
11. CONTRACT BASE TOTAL COST (without Task 10 - Supplemental Services) (Line 9+Line 10)		\$16,278.34	
12. Contingency Supplemental Services Contract Amount (Section 10) (10% of Total Cost, Line 11)		\$1,627.83	
13. If authorized services (Pothing)		\$770.00	
14 CONTRACT TOTAL		\$18,676.17	

**APPENDIX
EXHIBIT B
ESTIMATE OF TIME ALLOCATION BY TASK ACTIVITY**

PROJECT TITLE: RiverSouth Phase II
City of Columbus, Division of Power and Water - **WATER**
FIRM: PRIME ENGINEERING AND ARCHITECTURE

TASK	TASK DESCRIPTION	MANHOURS								TOTAL
		PR	PM	PE	DE	ET	RS	DR	CL	
1	Review Existing Information	0.0	1.2	2.0	4.0	4.0	0.0	0.0	2.5	13.7
2	Design Progress Meetings and Report	0.0	4.5	4.5	0.0	0.0	0.0	0.0	0.0	9.0
3	Field Investigations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	Maintenance of Traffic	0.0	4.0	5.0	6.0	6.0	0.0	7.0	0.0	28.0
5	Hydrologic and Hydraulic Analysis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.1	Modeling	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5.2	Storm sewer calculations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5.3	Sanitary sewer calculations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	Construction Plan Surveying	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.1	Front Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6.2	Rich Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6.3	Main Street	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6.4	Wall Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6.5	Ludlow Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8	Manhole Inspections	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	Geotechnical Investigations (potholing)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	Report	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.1	Sanitary/storm sewer	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10.2	Water	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10.3	Electricity	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10.4	Transportation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	Easement and ROW Acquisition	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	Stormwater Pollution Prevention Plan/NOI	0.0	0.0	0.0	4.5	0.0	0.0	5.3	0.0	9.8
12.1	Front Street	0.0	0.0	0.0	1.5	0.0	0.0	1.8	0.0	
12.2	Rich Street	0.0	0.0	0.0	1.5	0.0	0.0	1.8	0.0	
12.3	Main Street	0.0	0.0	0.0	1.5	0.0	0.0	1.8	0.0	
12.4	Wall Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12.5	Ludlow Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	Draft Construction Plans	0.0	3.6	6.0	9.0	0.0	0.0	16.0	0.0	34.6
13.1	Front Street	0.0	1.2	2.0	3.0	0.0	0.0	5.0	0.0	
13.2	Rich Street	0.0	1.2	2.0	3.0	0.0	0.0	5.0	0.0	
13.3	Main Street	0.0	1.2	2.0	3.0	0.0	0.0	6.0	0.0	
13.4	Wall Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13.5	Ludlow Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	Other Permits and Evaluations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.1	Sanitary PTI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14.2	Water PTI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15	Revised Construction Plans	0.0	2.4	5.4	6.0	0.0	0.0	3.8	0.0	17.6
15.1	Front Street	0.0	0.8	1.8	2.0	0.0	0.0	1.3	0.0	
15.2	Rich Street	0.0	0.8	1.8	2.0	0.0	0.0	1.3	0.0	
15.3	Main Street	0.0	0.8	1.8	2.0	0.0	0.0	1.3	0.0	
15.4	Wall Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15.5	Ludlow Street rehabilitation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	Bid Documents	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.1	Water	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16.2	Storm/sanitary	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16.3	Transportation/electricity	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	Bidding and Construction Services	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.1	Water	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17.2	Storm/sanitary	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17.3	Transportation/electricity	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
20	Submission of Electronic Files to DOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	Sanitary and Storm Record Plans	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	Water Record Plans	0.0	0.0	0.0	15.0	0.0	0.0	54.0	0.0	69.0
	TOTAL HOURS	0.0	15.7	22.9	44.5	10.0	0.0	86.0	2.5	181.6