1.	CITY: Columbus Division of Power and Water		2. CIP NO.: Contract No: 107	690430 7 8	3. VER	SION:		
4.	NAME OF CONSULTANT: Burgess & Niple, Inc.	5. PROJECT TITLE: HCWP DBP and Treatment Master Plan						
6.	ADDRESS: 5085 Reed Road Columbus, OH 43220		. TYPE OF CONTRACT: Cost plus Fixed Fee					
8.	DIRECT LABOR (Specify labor categories)	EST. HRS.	HOURLY RATE	EST. COST	T	OTALS		
	Principal	32	90.00	2,880				
	Project Manager	770	69.00	53,130				
	Project Enginner 1	2168	43.00	93,224				
	Project Engineer 2	516	36.00	18,576				
	Operator	2030	35.00	71,050				
	CADD	200	25.00	5,000				
	Support Personnel	84	15.00	1,260				
	Administrative	446	24.00	10,704				
	Total Man-hours	6,246			-			
	DIRECT LABOR TOTAL:				-	\$255,824		
9	INDIRECT COSTS	RATE	X BASE =	EST. COST		Ψ200,021		
Ο.	PAYROLL	1.95	\$255,824	\$498,857	1			
	ADMINISTRATIVE		, ,	7 7	1			
	INDIRECT COSTS TOTAL:					\$498,857		
10.	OTHER DIRECT COSTS	,		EST. COST				
	a. TRAVEL							
	Transportation: 6,650 mi @ \$ 0.445/	2,959	1					
	Site Visits (Travel & Subsistence) All	15,000						
	 b. EQUIPMENT, MATERIALS, SUPPLIES Pilot Plant Demonstration Equipment 	725,000						
	T list Flant Benfonstration Equipment Allowands							
	SUBTOTAL:	742,959	1					
	c. SUBCONTRACTS (includes 5 percent r	EST. COST]					
	MWH	800,111	1					
	Zande	212,576	-					
	CCI		323,496	339,671	-			
	Dynotec		84,208	88,418	1			
	SUBCONTRACTS SUBTOTAL:	1						
	d. OTHER (Specify categories)EST. COSTMiscellaneous Out-of-Pocket Expenses3,26Bench Scale Testing Allowance100,00Laboratory Testing Allowance200,00Pilot Test Equipment Training Allowance50,00							
	OTHER SUBTOTAL:			353,260		0.500.005		
	e. OTHER DIRECT COSTS TOTAL: 1. TOTAL COST 2. FIXED FEE (includes profit) (15 percent direct & indirect labor)					2,536,995		
						3,291,676 113,202		
12.		\$	3,404,878					
13. 14		ure requires pri	ior authorization)		Ψ	85,122		
1-		aro roquiros pri	15 CONTRACT TOTAL					

	CITY: Columbus Div of Power and Water		2. CIP NO.: contract #	690430 1078	3. `	VERSION:
	NAME OF CONSULTANT: R.D. Zande & Associates, Inc.	5. PROJECT HCWP DBP a	TITLE: nd Treatment Mas	ster Plan		
6.	ADDRESS: 1500 Lake Shore Drive, Suite 100 Columbus, Ohio 43204	7. TYPE OF C				
8.	DIRECT LABOR (Specify labor categories):	EST. HRS.	SALARY	EST. COST		TOTALS
	technical review committee	248	\$44.50	\$11,036.00		
	pilot plant operator	2,030	\$27.50	\$55,825.00		
	DIRECT LABOR TOTAL:				\$	66,861.00
9.	INDIRECT COSTS PAYROLL ADMINISTRATIVE	RATE \$66,861	X BASE = 1.62	EST. COST \$108,314.82		
	INDIRECT COSTS TOTAL:			\$108,314.82	\$	108,314.82
10.	OTHER DIRECT COSTS			EST. COST		
	a. TRAVEL Transportation 2,250 mi @ \$ 0.445 / mile			\$1,001.25		
	b. EQUIPMENT, MATERIALS, SUPPLIES	QTY.	COST			
	SUBTOTAL:					
	c. SUBCONTRACTS			EST. COST		
	SUBCONTRACTS SUBTOTAL: d. OTHER (Specify categories)			EST. COST		
	OTHER SUBTOTAL:					
11,	e. OTHER DIRECT COSTS TOTAL: TOTAL COST				\$	1,001.25 176,177.07
	FIXED FEE (Including Profit)	WYFAVE ALTERNATION OF THE STATE			\$	26,276.37
13.	TOTAL PRICE				\$	202,453.44
	CONTINGENCIES CONTRACT TOTAL	······			\$	202,453.44

1	CITY:		2. CIP NO.:		3. VERSION:	
	Dept. of Public Utilities 690430 / Contra		ct No. 1078	o. VERGION.		
4.	NAME OF CONSULTANT:	5. PROJECT				
	MWH	HCWP DBP E	nd Treatment Ma	ster Plan		
6.	ADDRESS:	7. TYPE OF C	CONTRACT:			
	85 E. Gay Street, Suite 1100-A	Cost + Fixed F	ee			
	Columbus, OH 43215					
8.	DIRECT LABOR (Specify labor categories)	EST. HRS.	HOURLY RATE	EST. COST	TOTALS	
	Senior Level	760	\$77.00	\$58,520		
	Middle Level	2074	\$51.00	\$105,774		
	Associate Level	673	\$50.00	\$33,650		
	Engineer	600	\$28.00	\$16,800		
	Technical Support	3	\$60.00	\$180		
	Administration/Accountant	190	\$29.00	\$5,510		
					0000 101	
_	DIRECT LABOR TOTAL:	4300	V 5 4 6 5	FOT OCCE	\$220,434	
9.	INDIRECT COSTS	RATE	X BASE =	EST. COST		
	PAYROLL	1.875	\$220,434	\$413,314		
	ADMINISTRATIVE				C442 244	
10	INDIRECT COSTS TOTAL: OTHER DIRECT COSTS			EST. COST	\$413,314	
10.	a. TRAVEL			ES1. COS1	-	
	Trips from Cleveland: 54 x \$200/trip			\$10,800		
	Trips from U.S.: 16 x \$1,400/trip			\$22,400		
	111ps 110111 0.3 10 x \$1,400/111p			Ψ22,400		
	b. EQUIPMENT, MATERIALS, SUPPLIES	QTY.	COST			
		·				
					1	
				1 200		
	SUBTOTAL:			\$33,200		
	c. SUBCONTRACTS			EST. COST		
					-	
	SUBCONTRACTS SUBTOTAL:			ECT COCT	4	
	d. OTHER (Specify categories)			EST. COST	-	
	OTHER SUBTOTAL:					
	e. OTHER SUBTOTAL:					
11	11. TOTAL COST					
	12. FIXED FEE (Including Profit) (15% direct and indirect labor)					
	13. TOTAL PRICE					
1	CONTINGENCIES				\$762,010	
	CONTRACT TOTAL					

9/8/2006 SCH 2-1

Columbus HC Master Plan Other Direct Cost Budget Assumptions

Other Direct Cost Duaget 1858um	Prions	
		For Budgeting
Cost per Trip		use:
Trip From Cleveland (1-Day)		
1-Day		
Travel (300+ miles)	\$135	
Meals	\$25	
Sum	\$160	
2-Day		
Travel (330+ miles)	\$150	
Meals (4)	\$100	
Hotel	\$150	
Total Cost	\$400	
Cost/Day	\$200	
Use Cost/Day		\$200
Air Trip from U.S.		
Airfare	\$1,000	
Hotel	\$150	
Meals	\$100	
Car Rental	\$60	
Total	\$1,310	
Use Cost/Day		\$1,400
Estimated Number of Trips		
Estimated Number of Trips from Cleve	eland	
Scheduled Meetings/Workshops	14	
1 Trip/2 Weeks over 18-Month Pe	eriod 40	
Total	54	
Estimated Number of Trips from U.S.		
Workshop #1	3	
Workshops #2-4	6	
Technical Review Committee	2	
Pilot Study Survey	1	
Criterium Decision Plus	4	
Total	16	
Estimated Trip Costs		
Trips From Cleveland	54 x \$200/trip-day	\$10,800
Trips From U.S.	16 x \$1,400/trip-day	\$22,400
Total Travel Cost		\$33,200

1.	CITY: Division of Power & Water		2. CIP NO.: 690430		3. VERSION:
	Dept. of Public Utilities	Contract #: 1078			
4.	NAME OF CONSULTANT:	5. PROJECT TITLE:			
	CAD Concepts, Inc.	HCWP DBP ar	nd Treatment Master I	Plan	
6.	ADDRESS:	7. TYPE OF C	ONTRACT:		
	1328 Dublin Road, Suite 201				
	Columbus, Ohio 43215	Cost plus Fixed	d fee		
8.	DIRECT LABOR (Specify labor categories)		HOURLY RATE	EST. COST	TOTALS
			Includes Overhead		
			and Profit		
	Pilot Plant Operations	2030	75	152,250	
	Engineering Technician	260	941.144	6,240	
			_ /	0,210	
	DIRECT LABOR TOTAL:				\$158,490
9.	INDIRECT COSTS	RATE	X BASE =	EST. COST	
	PAYROLL	0.77	\$158,490	122,037	
	ADMINISTRATIVE		4,00,700	,001	
	INDIRECT COSTS TOTAL:				\$122,037
10.	OTHER DIRECT COSTS			EST. COST	4.122,001
	a. TRAVEL				
	Transportation 2,000 mi @ \$ 0.445 / mile				890
de constitue	_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		000		
	b. EQUIPMENT, MATERIALS, SUPPLIES	QTY.	COST		
	,				
	SUBTOTAL:				
	c. SUBCONTRACTS			EST. COST	
					ľ
	SUBCONTRACTS SUBTOTAL:				
	d. OTHER (Specify categories)			EST. COST	
	, , , , , , , , , , , , , , , , , , , ,		ŀ		l
	OTHER SUBTOTAL:				
	e. OTHER DIRECT COSTS TOTAL:	Ì			
11	TOTAL COST				281,417
8	FIXED FEE (Including Profit)			ŀ	42,079
	TOTAL PRICE			ŀ	323,496
3 B	CONTINGENCIES				020,100
8 8	CONTRACT TOTAL			ŀ	323,496
				1	020,100

SCH 2-1

1.	CITY: COLUMBUS, OHIO		2. CIP:	3. VERSION:	
l''	Department of Public Utilities		2. 011 .	o. VERGIOIV.	
4.	NAME OF CONSULTANT:	PROJECT TITI	L E		
٦.	DYNOTEC INC.	HAP CREMEAN Water Plant			
5.	ADDRESS:		4	Products Master P	llan
J.	1925 E. Dublin-Granville Rd.				iaii
	Columbus, Ohio 43229	6. TYPE OF CONTRACT Cost Plus Fixed Fee			
7		LIQUID DATE			Totala
7.	DIRECT LABOR (specify labor categories):	HOUR RATE	EST. HOURS		Totals
II	Principal (PR)	\$65.00	440	\$0	
	Project Manager (PM)	\$60.00	116		
	Department Manager (DM)	\$55.00		\$0	
	Engineer III (E3)	\$45.00	570	\$0	
	Engineer II (E2)	\$35.00	576		
	Engineer I (E1)	\$25.00		\$0	
	Engineering Technician II (ET2)	\$22.00		\$0	
	Engineering Technician I (ET1)	\$20.00		\$0	
	Scientist (S)	\$25.00		\$0	
	Professional Surveyor (PS)	\$30.00		\$0	
	3 man Field Crew (3FC)	\$54.00		\$0	
	2 man Field Crew (2FC)	\$38.00		\$0	
1	Clerical (CL)	\$16.00		\$0	1
	Administrator (A)	\$20.00	200	\$0	007.400
	DIRECT LABOR TOTAL:		692		\$27,120
8.	INDIRECT COSTS	Rate	x DL Total	Est. Cost	
	Payroll	1	4-1,1-0	\$27,120	
	Administrative	0.7	\$27,120	\$18,984	
Marie Co. Co.	INDIRECT COSTS TOTAL:			\$46,104	\$46,104
9.	OTHER DIRECT COSTS (ODC)		Rate	Est. Cost	
	a. Transporation Mileage			\$0	
	b. Equipment, Materials, Supplies	Qty.	Unit Cost	Est. Cost	
				\$0	
				\$0	
	Subtotal:			\$0	
	c. Subcontracts			Est. Cost	
	Soil borings not included but needed				
	Subcontracts Subtotal:			\$0	
	d. Other (specify categories)			Est. Cost	
	Other Subtotal:			\$0	
	e. OTHER DIRECT COSTS TOTAL:				\$0
10.	TOTAL DL + IDL COST				\$73,224
11.	FIXED FEE (including profit) PERCENT	AMOUNT:	1	15%	\$10,984
12.	TOTAL PRICE				\$84,208
13.					\$0
11	CONTINGENCIES				\$0
15.	CONTINUENCIEC				\$84,208