

Project:	Pflugerville Wilbarger Creek Regional WWTP Phase 1	Current Date		
Location:	Pflugerville, TX	11/3/2023		
Budget Date:	3-Nov-23	DRAFT BUDGET		
Designer:	Garver	8/3/2023	10/5/2023	11/1/2023
				CMAR Total

Spec.	Bid Pkg	Description	OPCC Budget	GMP1	Projected GMP2	Total
Bid Packages						
01.1		General Condition - Overall	\$ 20,545,674.00	\$ 2,028,051.00	\$ 18,614,503.00	\$ 20,642,554.00
01.2		Logistics Package - Overall	\$ 6,161,113.64	\$ 1,156,338.00	\$ 4,786,113.64	\$ 5,942,451.64
GMP 1 - EARLY WORK PACKAGES						
EWP1		Early Works Package 1				\$ -
01.00		Electrical Distribution Equipment Packages	\$ 7,106,645.00	\$ 7,209,182.00		\$ 7,209,182.00
01.01		Generator Procurement Package	\$ 1,667,229.00	\$ 1,667,229.00		\$ 1,667,229.00
01.02		UV Disinfection System	\$ 655,520.00	\$ 698,130.00		\$ 698,130.00
01.03		Cloth Media Filter System Package	\$ 1,962,220.00	\$ 2,120,505.00		\$ 2,120,505.00
EWP2		Early Works Package 2 - Process Equipment				\$ -
01.01		Chemical Feed System	\$ 303,165.00	\$ 483,770.00		\$ 483,770.00
01.02		Slide and Sluice Gates	\$ 824,750.00	\$ 1,072,329.00		\$ 1,072,329.00
01.03		FRP Tanks	\$ 125,250.00	\$ 110,000.00		\$ 110,000.00
01.04		Large Process Valves (>=24")	\$ -	\$ 838,466.10		\$ 838,466.10
10.01		Submersible Pumps	\$ 2,090,000.00	\$ 733,427.00		\$ 733,427.00
12.01		Vortex Grit Removal Equipment / Grit Washer	\$ 284,050.00	\$ 303,512.00		\$ 303,512.00
12.02		Induced Flow (Recessed Impeller) Centrifugal Pumps	\$ 78,000.00	\$ 66,712.00		\$ 66,712.00
12.03		Mechanical Screen & Washer Compactor System	\$ 596,000.00	\$ 543,800.00		\$ 543,800.00
31.01		Submersible Mixers	\$ -	\$ 297,595.02		\$ 297,595.02
31.02		Fine Bubble Aeration Equipment	\$ 632,000.00	\$ 371,500.00		\$ 371,500.00
31.03		Axial Flow Pumps	\$ -	\$ 193,634.10		\$ 193,634.10
38.01		Multistage Centrifugal Blowers / Aeration Blower Control System	\$ 1,275,000.00	\$ 2,130,160.47		\$ 2,130,160.47
45.01		Spiral Type Clarifier Mechanism & Wiers & Baffles	\$ 1,584,000.00	\$ 1,608,312.00		\$ 1,608,312.00
46.01A		Horizontal End Suction Centrifugal Pumps	\$ 770,000.00	\$ -		\$ -
46.01B		Self-Priming Centrifugal Pumps	\$ -	\$ 297,000.00		\$ 297,000.00
53.01		UV Weir Troughs	\$ 57,750.00	\$ 171,970.00		\$ 171,970.00
55.01		Positive Displacement Blowers	\$ -	\$ 83,376.00		\$ 83,376.00
55.02		Post Aeration System	\$ -	\$ 62,400.00		\$ 62,400.00
56.01		Vertical Turbine Pumps	\$ 200,000.00	\$ 212,586.00		\$ 212,586.00
70.01		Jet Aeration System	\$ 1,577,450.00	\$ 475,300.00		\$ 475,300.00
72.01		Centrifuge Equipment	\$ 1,595,000.00	\$ 1,294,342.00		\$ 1,294,342.00
72.02		Progressing Cavity Pumps	\$ 110,000.00	\$ -		\$ -
72.03		Liquid Polymer Feed System	\$ 28,000.00	\$ -		\$ -
09.01		Below Structures Critical Piping		\$ 1,393,066.00		\$ 1,393,066.00
EWP3		Early Works Package 3				\$ -
01.01		SWPPP, Building / Structures / Utilities Demolition & Minor Earthworks, & Major Earthwork	\$ 5,719,737.00	\$ 6,091,800.00		\$ 6,091,800.00
EWP4		Early Works Package 4				\$ -
02.01		Drilled Piers	\$ 5,276,649.00	\$ 4,318,805.00		\$ 4,318,805.00
		GMP1 Allowance		\$ 547,212.00		\$ 547,212.00
GMP 2 - BALANCE OF PLANT PACKAGES						
BOP1		Balance of Plant Package 1	\$ 22,136,821.00		\$ 22,203,591.00	\$ 22,203,591.00
		Area 1 - Facilities 10, 12, 13, 14				
BOP2		Balance of Plant Package 2	\$ 18,515,857.00		\$ 20,944,086.00	\$ 20,944,086.00
		Area 2 - Facilities 31, 38				
BOP3		Balance of Plant Package 3	\$ 24,460,000.00		\$ 24,348,400.00	\$ 24,348,400.00
		Area 3 - Facilities 40, 45, 46, 60 (Al2(SO4)3)				
		Area 4 - Facilities 50, 52, 53, 54, 56, 60 (NaOCl)				
		Area 5 - Facilities 70, 72				
BOP6		Balance of Plant Package 6	\$ 6,727,016.00		\$ 6,664,588.00	\$ 6,664,588.00
		Area 6 - Facilities 85, 86, 88, 89				
BOP7		Balance of Plant Package 7	\$ 18,552,600.00		\$ 18,846,416.00	\$ 18,846,416.00
		Yard Piping				
BOP8		Balance of Plant Package 8	\$ 44,434,340.00		\$ 44,434,340.00	\$ 44,434,340.00
		Electrical, Instrumentation & Control				
BOP9		Balance of Plant Package 9	\$ 5,738,771.00		\$ 6,136,989.00	\$ 6,136,989.00
		Sitework				
BOP11		Balance of Plant Package 11	\$ 2,479,861.00		\$ 2,456,757.00	\$ 2,456,757.00
		Sitewide HVAC				
		GMP2 Allowance	\$ -		\$ -	\$ -
		Project Escalation	\$ 1,966,260.87		\$ 1,966,260.87	\$ 1,966,260.87

COST OF WORK TOTAL							
			\$ 206,236,729.51	\$ 38,580,509.69	\$ 171,402,044.51	\$ 209,982,554.20	
		CMAR Fee	9.00%	\$ 18,561,305.66	\$ 3,472,245.87	\$ 15,426,184.01	\$ 18,898,429.88
		Pre-Construction Services		\$ 1,502,344.00	\$ 1,502,344.00	\$ -	\$ 1,502,344.00
CMAR Contract Total			\$ 226,300,379.16	\$ 43,555,099.56	\$ 186,828,228.51	\$ 230,383,328.07	
		Project Contingency	2.50%	\$ 5,155,918.24	\$ 1,106,651.46	\$ 4,916,532.33	\$ 6,023,183.79
		Bonds and Insurance	2.50%	\$ 5,934,777.00	\$ 1,106,651.46	\$ 4,916,532.33	\$ 6,023,183.79
OWNER BUDGET TOTAL			\$ 237,391,074.40	\$ 45,768,402.49	\$ 196,661,293.17	\$ 242,429,695.66	

POTENTIAL COST REDUCTIONS						
BOP1		Balance of Plant Package 1				
		Alternate F13-1: Odor Control				\$ (74,831.00)
BOP2		Balance of Plant Package 2				
		Post-Tensioned ROM				\$ (1,294,725.00)
		Alternate F31-1: AO Process				\$ (1,133,416.00)
BOP3		Balance of Plant Package 3				
		Secondary Clarifiers Foundation Optimization				TBD
		ASHT Foundation Optimization				TBD
BOP6		Balance of Plant Package 6				
BOP7		Balance of Plant Package 7				
		Yard Piping Depth of Gravity Drain				\$ (400,000.00)
		Victaulic Piping Optimizations				TBD
BOP8		Balance of Plant Package 8				
		Electrical Optimizations				TBD
BOP9		Balance of Plant Package 9				
		F02-1: Fencing Materials ROM				\$ (398,229.00)
BOP11		Balance of Plant Package 11				



Project: Pflugerville BP.BOP1-01.01 - Influent Lift Station / Odor Control / ILS/HW Electrical Building / Headworks	
Location: Pflugerville, TX	
Bid Date:	Bid Time:
Size/Type:	Average Hourly Crew Rate Used \$ 32.08
Designer: Garver	Contract Time
Bid Total 22,203,600	
LD's	

Spec.	Line	Description	Man Hours	Labor	Field (Tax) Materials	Equipment	Contract Materials	Subs	Total	Comments
Division 1 - General Requirements										
									40,010	
1A	Start Up		1,000	40,010	0	0	0	0	40,010	

Division 2 - Sitework										
									2,246,173	
2B.2	Subgrade		64	2,484	0	5,252	1,579	140	9,455	
2C	Structure Backfill		5,080	197,217	0	31,339	399,227	2,778	630,561	
2D	Minor Earthwork		6,143	238,475	0	128,475	192,663	932,543	1,492,156	
2E	Dewatering (Casual)		-	0	0	0	0	114,000	114,000	

Site Improvements:

2P	Shoring		-	0	0	96,000	53,040	2,024,258	2,173,298	
----	---------	--	---	---	---	--------	--------	------------------	------------------	--

Division 3 - Concrete										
									27,349	2,392,562
3A	Grout Purchase (CY)		-	0	0	0	27,174	0	27,174	194.1 CY @ \$140 per CY
3B	Concrete Purchase (CY)		-	0	0	0	948,879	0	948,879	4994.1 CY @ \$190 per CY
3C	Form/Place/Finish		8.77	43,815	1,795,547	245,374	3	316,262	86,403	2,443,589
3E	Rebar Material		-	0	0	0	808,919	0	808,919	209 LB/CY = 521.88 TN @ \$1,550 per TN
3F	Rebar Sub (Support + Acc)		202	8,278	0	0	20,875	234,848	264,001	209 LB/CY = 521.88 TN @ \$450 per TN
3G	Precast Concrete		-	0	0	0	0	0	-	
ATL	ILS Round Structure ROM		-	-600,000	0	0	-1,500,000	0	(2,100,000)	ROM for Potential Deduct for ILS Caisson

Division 4 Masonry										
									132,300	
4A	Masonry		-	0	0	0	0	132,300	132,300	

Division 5 - Metals										
									41,47	813,836
5A	Pur. Misc. Metals/FRP & Castings		-	0	0	0	699,200	0	699,200	
5D	Installation of Misc. Metals		2,106	87,336	0	13,930	12,835	535	114,636	

Division 6 - Wood and Plastics									
0									

Division 7 - Thermal and Moisture Protection										
									85,000	
7A	Waterproof		-	0	0	0	0	46,000	46,000	
7C	Roofing		-	0	0	0	0	39,000	39,000	

Division 8 - Doors and Windows										
									41,47	20,104
8B	FRP Doors		15	622	0	0	0	11,000	11,622	
8C	Finish Hardware		8	332	0	0	0	8,150	8,482	

Division 9 - Finishes										
									603,533	
9D	Painting		-	0	0	0	0	11,721	11,721	
9E	Special Coatings		-	0	0	0	0	591,812	591,812	

Division 10 - Specialties										
									1,800	
10D	Signs		-	0	0	0	0	100	100	
10E	Fire Extinguishers		-	0	0	0	0	1,700	1,700	

Division 11 - Equipment										
									40,01	553,196
11A	Process Equip Installation		5,758	230,394	1,404	27	8,697	9,500	250,022	
11B	Process Equipment Purchase		-	0	0	0	353,174	0	353,174	
11C	By-pass Pumping		-	0	0	0	0	0	-	
11D			-	0	0	0	0	0	-	
11E			-	0	0	0	0	0	-	

Division 12 - Furnishings									
0									

Division 13 - Special Construction									
0									

Division 14 - Conveyance									
0									

Division 15 - Mechanical										
									38.82	5,112,575
Pipe Package Buyout:										
15A	Buy Pipe Package		-	0	0	0	3,825,275	0	3,825,275	
15A.1	Buy FRP Pipe Package		-	0	0	0	723,237	0	723,237	

PLW Pipe Installation:

15J	Install A/G Process Pipe		8,674	336,729	0	9,556	23,308	0	369,593	
-----	--------------------------	--	-------	---------	---	-------	--------	---	----------------	--



Project: Pflugerville BP.BOP2-01.01 - Aeration Basins and Aeration Blower Facility

Location: Pflugerville, TX

Bid Date:

Size/Type:

Designer: Garver

Bid Time:

Average Hourly Crew Rate Used \$ 40.69

Contract Time

Bid Total 20,944,000

LD's

Spec.	Line	Description	Man Hours	Labor	Field (Tax) Materials	Equipment	Contract Materials	Subs	Total	Comments
Division 1 - General Requirements 40,010										
	1A	Start Up	1,000	40,010	0	0	0	0	40,010	
Division 2 - Sitework 0										
Division 3 - Concrete 40.98 6,680,831										
	3A	Grout Purchase (CY)		0	0	0	1,264	0	1,264	13.3 CY @ \$95 per CY
	3B	Concrete Purchase (CY)	-	0	0	0	1,786,152	0	1,786,152	9400.8 CY @ \$190 per CY
	3C	Form/Place/Finish	4.19	39,343	1,612,276	178,028	300,260	139,272	2,229,836	
	3E	Rebar Material	-	0	0	0	1,522,695	0	1,522,695	209 LB/CY = 982.38 TN @ \$1,550 per TN
	3F	Rebar Sub (Support + Acc)	532	21,801	0	0	54,272	442,073	518,146	210 LB/CY = 982.38 TN @ \$450 per TN
	3G	Precast Concrete	3,053	125,108	0	0	497,631	0	622,739	
Division 4 Masonry 405,725										
	4A	Masonry	-	0	0	0	0	405,725	405,725	
Division 5 - Metals 41.47 1,112,576										
	5A	Pur. Misc. Metals/FRP & Castings	-	0	0	0	911,500	0	911,500	
	5D	Installation of Misc. Metals	3,056	126,732	0	24,054	49,625	665	201,076	
Division 6 - Wood and Plastics 0										
Division 7 - Thermal and Moisture Protection 279,000										
	7A	Waterproof	-	0	0	0	0	133,000	133,000	
	7C	Roofing	-	0	0	0	0	146,000	146,000	
Division 8 - Doors and Windows 41.47 57,600										
	8B	FRP Doors	21	871	0	0	0	21,600	22,471	
	8C	Finish Hardware	20	829	0	0	0	16,300	17,129	
	8D	Overhead Doors	-	0	0	0	0	18,000	18,000	
Division 9 - Finishes 37,500										
	9D	Painting	-	0	0	0	0	37,500	37,500	
Division 10 - Specialties 2,600										
	10D	Signs	-	0	0	0	0	200	200	
	10E	Fire Extinguishers	-	0	0	0	0	2,400	2,400	
Division 11 - Equipment 40.01 274,870										
	11A	Process Equip Installation	5,921	236,879	472	0	35,019	2,500	274,870	
Division 12 - Furnishings 0										
Division 13 - Special Construction 0										
Division 14 - Conveyance 100,000										
	14A	Bridge Crane	-	0	0	0	0	90,000	90,000	
	14C	Davit Cranes	-	0	0	0	0	10,000	10,000	
Division 15 - Mechanical 38.82 6,029,478										
Pipe Package Buyout:										
	15A	Buy Pipe Package	-	0	0	0	5,591,117	0	5,591,117	
PLW Pipe Installation:										
	15J	Install A/G Process Pipe	5,588	216,930	0	347	9,262	0	226,539	
	15X	Pipe Support Design	-	0	0	0	0	111,822	111,822	
Division 15 - Mechanical Subs										
	15L	Pipe Insulation	-	0	0	0	0	100,000	100,000	
Division 16 - Electrical 0										
SUB TOTAL A										
			58,534	2,381,437	178,500	24,401	10,758,796	1,677,057	15,020,191	SUB TOTAL A
	111A	Labor Escalation (per MH)	\$ 2.09						122,049	5% Escalation per A&C's
	111C	Const. Equipment Escalation	1.00%			6,252			6,252	
	112A	Gen. Cond	10.00%		0	0	0	1,502,019	1,502,019	



Project: Pflugerville BP.BOP2-01.01 - Aeration Basins and Aeration Blower Facility			
Location: Pflugerville, TX			
Bid Date:	Bid Time:		
Size/Type:	Average Hourly Crew Rate Used \$ 40.69		Bid Total 20,944,000
Designer: Garver	Contract Time	LD's	

Spec.	Line	Description	Man Hours	Labor	Field (Tax) Materials	Equipment	Contract Materials	Subs	Total	Comments	
	112B	Gen. Construction Equipment	4.00%	0	0	600,808		0	600,808	Includes Crane and Lull	
		(b) Insur/Dues (Builder Risk)						40,606	40,606		
SUB TOTAL B				2,503,486	178,500	631,461	10,758,796	3,219,682	17,291,924	SUB TOTAL B	
	114a	Sales Tax (Unincorporated Materials)	8.25%		14,726				14,726	Tax on Unincorporated Items	
	114b	Sales Tax (Equipment Tax)+(Rental Tax)	10.25%			64,725			64,725	Tax on Equipment	
COST OF WORK				2,503,486	193,226	696,185	10,758,796	3,219,682	17,371,375	COST OF WORK	
	117	Project Bid Fee	20.00%					3,474,275	3,474,275	Calculated on % Cost of Work	
SUB TOTAL C				2,503,486	193,226	696,185	10,758,796	6,693,957	20,845,651	SUB TOTAL C	
	120	Performance Bond						98,435	98,435		
SUB TOTAL ESTIMATED AMOUNT				58,534	2,503,486	193,226	696,185	10,758,796	6,792,392	20,944,086	
Rounding Adjustment to Subtotal Above										20,944,000	
TOTAL ESTIMATED AMOUNT										20,944,000	



Project: Pflugerville BP.BOP3-01.01 - Secondary Clarifiers / Mixed Liquor Splitter Box / Aluminum Sulfate Storage Building / RAS/WAS Pump Station / RAS/WAS Electrical Building		Bid Total: 9,571,000	
Location: Pflugerville, TX		Average Hourly Crew Rate Used \$ 40.53	
Bid Date:		Contract Time	
Size/Type:		LD's	
Designer: Garver			

Spec.	Line	Description	Man Hours	Labor	Field (Tax) Materials	Equipment	Contract Materials	Subs	Total	Comments
Division 1 - General Requirements 40,010										
	1A	Start Up	1,000	40,010	0	0	0	0	40,010	
Division 2 - Sitework 0										
Division 3 - Concrete 40.98 3,376,601										
	3A	Clarifier Grout Purchase (CY)		0	0	0	40,376	0	40,376	288.4 CY @ \$140 per CY
	3B	Concrete Purchase (CY)	-	0	0	0	909,302	0	909,302	4785.8 CY @ \$190 per CY
	3C	Form/Place/Finish	3.48	16,651	682,337	96,241	7	239,994	65,924	1,084,503
	3E	Rebar Material	-	0	0	0	775,180	0	775,180	209 LB/CY = 500.12 TN @ \$1,550 per TN
	3F	Rebar Sub (Support + Acc)		324	13,261	0	0	20,005	225,052	258,318
	3G	Precast Concrete		1,515	62,064	0	0	246,857	0	308,921
Division 4 Masonry 75,000										
	4A	Masonry	-	0	0	0	0	75,000	75,000	
Division 5 - Metals 41.47 569,029										
	5A	Pur. Misc. Metals/FRP & Castings	-	0	0	0	497,000	0	497,000	
	5D	Installation of Misc. Metals		1,200	49,764	25	9,239	13,001	0	72,029
Division 6 - Wood and Plastics 0										
Division 7 - Thermal and Moisture Protection 57,213										
	7A	Waterproof	-	0	0	0	0	29,700	29,700	
	7C	Roofing	-	0	0	0	0	27,513	27,513	
Division 8 - Doors and Windows 28,425										
	8B	FRP Doors	-	0	0	0	0	16,200	16,200	
	8C	Finish Hardware	-	0	0	0	0	12,225	12,225	
Division 9 - Finishes 585,196										
	9D	Painting	-	0	0	0	0	6,640	6,640	
	9E	Special Coatings	-	0	0	0	0	578,556	578,556	
Division 10 - Specialties 4,299										
	10D	Signs	-	0	0	0	0	350	350	
	10E	Fire Extinguishers	-	0	0	0	0	3,949	3,949	
Division 11 - Equipment 40.01 208,230										
	11A	Process Equip Installation		4,539	181,605	2,086	0	24,539	0	208,230
Division 12 - Furnishings 0										
Division 13 - Special Construction 0										
Division 14 - Conveyance 0										
Division 15 - Mechanical 38.82 1,914,721										
Pipe Package Buyout:										
	15A	Buy Pipe Package	-	0	0	0	1,684,704	0	1,684,704	
PLW Pipe Installation:										
	15J	Install AVG Process Pipe		3,836	148,898	0	304	17,121	0	166,323
	15X	Pipe Support Design	-	0	0	0	0	33,694	33,694	
Division 15 - Mechanical Subs										
	15N	Plumbing	-	0	0	0	0	30,000	30,000	
Division 16 - Electrical 0										
SUB TOTAL A 29,063 1,177,940 98,352 9,550 4,468,079 1,104,803 6,858,724 SUB TOTAL A										
	111A	Labor Escalation (per MH)	\$ 2.08	60,369					60,369	5% Escalation per A&C's
	111C	Const. Equipment Escalation	1.00%			2,839			2,839	
	112A	Gen. Cond	10.00%	0	0	0	685,872		685,872	



Project: Pflugerville BP.BOP4-01.01 - Tertiary Filters / UV Facility / Effluent Facility / Non-Potable Water / Sodium Hypochlorite Storage Building / UV Electrical Building	
Location: Pflugerville, TX	
Bid Date:	Bid Time:
Size/Type:	Average Hourly Crew Rate Used \$ 40.48
Designer: Garver	Contract Time
	Bid Total 6,471,000
	LD's

Spec.	Line	Description	Man Hours	Labor	Field (Tax) Materials	Equipment	Contract Materials	Subs	Total	Comments
Division 1 - General Requirements 40,010										
	1A	Start Up	1,000	40,010	0	0	0	0	40,010	
Division 2 - Sitework 0										
Division 3 - Concrete 40.98 1,537,886										
	3A	Grout Purchase (CY)		0	0	0	1,050	0	1,050	7.5 CY @ \$140 per CY
	3B.1	Concrete Purchase (CY)	-	0	0	0	339,264	0	339,264	1785.6 CY @ \$190 per CY
	3C	Form/Place/Finish	5.28	9,429	386,396	64,300	79,363	22,661	552,720	
	3E	Rebar Material	-	0	0	0	289,223	0	289,223	209 LB/CY = 186.59 TN @ \$1,550 per TN
	3F	Rebar Sub (Support + Acc)	106	4,344	0	0	7,464	83,968	95,776	210 LB/CY = 186.59 TN @ \$450 per TN
	3G	Precast Concrete	1,274	52,204	0	0	207,649	0	259,853	
Division 4 Masonry 109,200										
	4A	Masonry	-	0	0	0	0	109,200	109,200	
Division 5 - Metals 41.47 1,000,798										
	5A	Pur. Misc. Metals/FRP & Castings	-	0	0	0	872,000	0	872,000	
	5D	Installation of Misc. Metals	2,431	100,814	0	17,401	9,868	715	128,798	
Division 6 - Wood and Plastics 0										
Division 7 - Thermal and Moisture Protection 191,691										
	7A	Waterproof	-	0	0	0	0	36,711	36,711	
	7C	Roofing	-	0	0	0	0	154,980	154,980	
Division 8 - Doors and Windows 41.47 23,937										
	8B	FRP Doors	13	539	0	0	0	10,800	11,339	
	8C	Finish Hardware	9	373	0	0	0	12,225	12,598	
Division 9 - Finishes 21,580										
	9D	Painting	-	0	0	0	0	11,580	11,580	
	9E	Special Coatings	-	0	0	0	0	10,000	10,000	
Division 10 - Specialties 1,812										
	10D	Signs	-	0	0	0	0	100	100	
	10E	Fire Extinguishers	-	0	0	0	0	1,712	1,712	
Division 11 - Equipment 40.01 286,001										
	11A	Process Equip Installation	4,761	190,492	4,054	0	22,455	1,000	218,001	
	11B	Process Equipment Purchase	-	0	0	0	68,000	0	68,000	
Division 12 - Furnishings 0										
Division 13 - Special Construction 0										
Division 14 - Conveyance 0										
Division 15 - Mechanical 38.82 257,679										
Pipe Package Buyout:										
	15A	Buy Pipe Package	-	0	0	0	1,193,930	0	1,193,930	
PLW Pipe Installation:										
	15J	Install A/G Process Pipe	3,138	121,813	0	139	11,848	0	133,800	
	15X	Pipe Support Design	-	0	0	0	0	23,879	23,879	
Division 15 - Mechanical Subs										
	15L	Pipe Insulation	-	0	0	0	0	100,000	100,000	
Division 16 - Electrical 0										
SUB TOTAL A 22,161 896,985 68,354 17,540 3,102,113 579,530 4,664,523 SUB TOTAL A										
	111A	Labor Escalation (per MH)	\$ 2.07	45,971					45,971	5% Escalation per A&C's
	111C	Const. Equipment Escalation	1.00%			2,041			2,041	



Project: Pflugerville BP.BOP4-01.01 - Tertiary Filters / UV Facility / Effluent Facility / Non-Potable Water / Sodium Hypochlorite Storage Building / UV Electrical Building	
Location: Pflugerville, TX	
Bid Date:	Bid Time:
Size/Type:	Average Hourly Crew Rate Used \$ 40.48
Designer: Garver	Contract Time
	Bid Total 6,471,000
	LD's

Spec.	Line	Description	Man Hours	Labor	Field (Tax) Materials	Equipment	Contract Materials	Subs	Total	Comments	
	112A	Gen. Cond	10.00%	0	0	0		466,452	466,452		
	112B	Gen. Construction Equipment	4.00%	0	0	186,581		0	186,581	Includes Crane and Lull	
		(b) Insur/Dues (Builder Risk)						0	-		
SUB TOTAL B				942,956	68,354	206,162	3,102,113	1,045,983	5,365,568	SUB TOTAL B	
	114a	Sales Tax (Unincorporated Materials)	8.25%		5,639				5,639	Tax on Unincorporated Items	
	114b	Sales Tax (Equipment Tax)+(Rental Tax)	10.25%			21,132			21,132	Tax on Equipment	
COST OF WORK				942,956	73,993	227,294	3,102,113	1,045,983	5,392,339	COST OF WORK	
	117	Project Bid Fee	20.00%					1,078,468	1,078,468	Calculated on % Cost of Work	
SUB TOTAL C				942,956	73,993	227,294	3,102,113	2,124,451	6,470,807	SUB TOTAL C	
	120	Performance Bond						0	-		
SUB TOTAL ESTIMATED AMOUNT				22,161	942,956	73,993	227,294	3,102,113	2,124,451	6,470,807	
Rounding Adjustment to Subtotal Above										6,471,000	
TOTAL ESTIMATED AMOUNT										6,471,000	



Project: Pflugerville BP.BOP5-01.01 - Biosolids Handling Building / Aerated Sludge Holding Tanks		Bid Time:		Bid Total		8,307,000	
Location: Pflugerville, TX		Average Hourly Crew Rate Used \$ 40.47					
Bid Date:		Contract Time 450		LD's			
Size/Type:							
Designer: Garver							

Spec.	Line	Description	Man Hours	Labor	Field (Tax) Materials	Equipment	Contract Materials	Subs	Total	Comments
-------	------	-------------	-----------	-------	-----------------------	-----------	--------------------	------	-------	----------

Division 1 - General Requirements										40,010
	1A	Start Up	1,000	40,010	0	0	0	0	40,010	

Division 2 - Sitework										0
------------------------------	--	--	--	--	--	--	--	--	--	---

Division 3 - Concrete										40.98	1,653,055
	3B	Concrete Purchase (CY)	-	0	0	0	390,013	0	390,013	2052.7 CY @ \$190 per CY	
	3C	Form/Place/Finish	5.88	12,067	494,522	56,949	56,860	34,524	642,855		
	3E	Rebar Material	-	0	0	0	332,486	0	332,486	209 LB/CY = 214.51 TN @ \$1,550 per TN	
	3F	Rebar Sub (Support + Acc)	150	6,147	0	0	8,580	96,528	111,256	209 LB/CY = 214.51 TN @ \$450 per TN	
	3G	Precast Concrete	865	35,448	0	0	140,998	0	176,446		

Division 4 Masonry										519,525
	4A	Masonry	-	0	0	0	0	519,525	519,525	

Division 5 - Metals										41.47	1,039,525
	5A	Pur. Misc. Metals/FRP & Castings	-	0	0	0	899,000	0	899,000		
	5D	Installation of Misc. Metals	2,402	99,611	0	28,390	11,614	910	140,525		

Division 6 - Wood and Plastics										0
---------------------------------------	--	--	--	--	--	--	--	--	--	---

Division 7 - Thermal and Moisture Protection										160,650
	7C	Roofing	-	0	0	0	0	160,650	160,650	

Division 8 - Doors and Windows										41.47	102,479
	8B	FRP Doors	67	2,778	0	0	0	57,000	59,778		
	8C	Finish Hardware	41	1,700	0	0	0	41,000	42,700		

Division 9 - Finishes										367,092
	9D	Painting	-	0	0	0	0	56,500	56,500	
	9E	Special Coatings	-	0	0	0	0	310,592	310,592	

Division 10 - Specialties										0
----------------------------------	--	--	--	--	--	--	--	--	--	---

Division 11 - Equipment										40.01	76,303
	11A	Process Equip Installation	1,737	69,501	156	23	2,373	4,250	76,303		

Division 12 - Furnishings										0
----------------------------------	--	--	--	--	--	--	--	--	--	---

Division 13 - Special Construction										0
---	--	--	--	--	--	--	--	--	--	---

Division 14 - Conveyance										0
---------------------------------	--	--	--	--	--	--	--	--	--	---

Division 15 - Mechanical										38.82	2,040,500
---------------------------------	--	--	--	--	--	--	--	--	--	-------	-----------

Pipe Package Buyout:										
	15A	Buy Pipe Package	-	0	0	0	1,702,348	0	1,702,348	

PLW Pipe Installation:										
	15J	Install A/G Process Pipe	4,833	187,605	0	562	9,576	0	197,743	
	15X	Pipe Support Design	-	0	0	0	0	34,047	34,047	

Division 15 - Mechanical Subs										0
	15N	Plumbing	-	0	0	0	0	105,000	105,000	
	15P	Fire Protection	-	0	0	0	0	1,362	1,362	

Division 16 - Electrical										0
---------------------------------	--	--	--	--	--	--	--	--	--	---

SUB TOTAL A			23,162	937,323	57,105	28,975	3,553,848	1,421,888	5,999,140	SUB TOTAL A
--------------------	--	--	--------	---------	--------	--------	-----------	-----------	-----------	--------------------

111A Labor Escalation (per MH)	\$ 2.07	48,038							48,038	5% Escalation per A&C's
111C Const. Equipment Escalation	1.00%			2,689					2,689	
112A Gen. Cond	10.00%		0	0	0			599,914	599,914	
112B Gen. Construction Equipment	4.00%		0	0	239,966			0	239,966	Includes Crane and Lull
112C Area Direct Cost	0.00%		0						-	
(b) Insur/Dues (Builder Risk)								0	-	

SUB TOTAL B			985,361	57,105	271,630	3,553,848	2,021,802	6,889,747	SUB TOTAL B
--------------------	--	--	---------	--------	---------	-----------	-----------	-----------	--------------------



Project: Pflugerville BP.BOP5-01.01 - Biosolids Handling Building / Aerated Sludge Holding Tanks	
Location: Pflugerville, TX	
Bid Date:	Bid Time:
Size/Type:	Average Hourly Crew Rate Used \$ 40.47
Designer: Garver	Contract Time 450
Bid Total 8,307,000	
LD's	

Spec.	Line	Description	Man Hours	Labor	Field (Tax) Materials	Equipment	Contract Materials	Subs	Total	Comments
	114a	Sales Tax (Unincorporated Materials)	8.25%		4,711				4,711	Tax on Unincorporated Items
	114b	Sales Tax (Equipment Tax)+(Rental Tax)	10.25%			27,842			27,842	Tax on Equipment
COST OF WORK				985,361	61,816	299,472	3,553,848	2,021,802	6,922,300	COST OF WORK
	117	Project Bid Fee	20.00%					1,384,460	1,384,460	Calculated on % Cost of Work
SUB TOTAL C				985,361	61,816	299,472	3,553,848	3,406,262	8,306,760	SUB TOTAL C
	120	Performance Bond						0	-	

SUB TOTAL ESTIMATED AMOUNT				23,162	985,361	61,816	299,472	3,553,848	3,406,262	8,306,760	
Rounding Adjustment to Subtotal Above										8,307,000	
TOTAL ESTIMATED AMOUNT										8,307,000	



Project: Pflugerville BP.BOP6-01.01 - Operations and Laboratory Building / Maintenance and Storage Building / Main Electrical Building	
Location: Pflugerville, TX	
Bid Date:	Bid Time:
Size/Type:	Average Hourly Crew Rate Used \$ 41.12
Designer: Garver	Contract Time
Bid Total 6,665,000	
LD's	

Spec.	Line	Description	Man Hours	Labor	Field (Tax) Materials	Equipment	Contract Materials	Subs	Total	Comments
-------	------	-------------	-----------	-------	-----------------------	-----------	--------------------	------	-------	----------

Division 1 - General Requirements										0
-----------------------------------	--	--	--	--	--	--	--	--	--	---

Division 2 - Sitework										0
-----------------------	--	--	--	--	--	--	--	--	--	---

Division 3 - Concrete										40.98	1,450,502
-----------------------	--	--	--	--	--	--	--	--	--	-------	-----------

3B	Concrete Purchase (CY)	-	0	0	0	0	157,510	0	157,510	829 CY @ \$190 per CY
3C	Form/Place/Finish	4.27	3,540	145,065	12,533	0	72,823	7,080	237,501	
3E	Rebar Material	-	0	0	0	0	134,277	0	134,277	209 LB/CY = 86.63 TN @ \$1,550 per TN
3F	Rebar Sub (Support + Acc)	-	105	4,303	0	0	3,465	38,984	46,752	209 LB/CY = 86.63 TN @ \$450 per TN
3G	Precast Concrete	-	4,287	175,681	0	0	698,781	0	874,462	+

Division 4 Masonry										553,275
--------------------	--	--	--	--	--	--	--	--	--	---------

4A	Masonry	-	0	0	0	0	0	553,275	553,275	
----	---------	---	---	---	---	---	---	---------	---------	--

Division 5 - Metals										41.47	1,705,727
---------------------	--	--	--	--	--	--	--	--	--	-------	-----------

5A	Pur. Misc. Metals/FRP & Castings	-	0	0	0	0	1,466,500	0	1,466,500	
5D	Installation of Misc. Metals	-	3,769	156,292	0	49,002	32,083	1,850	239,227	

Division 6 - Wood and Plastics										43,000
--------------------------------	--	--	--	--	--	--	--	--	--	--------

6C	Cabinets	-	0	0	0	0	0	43,000	43,000	
----	----------	---	---	---	---	---	---	--------	--------	--

Division 7 - Thermal and Moisture Protection										580,415
--	--	--	--	--	--	--	--	--	--	---------

7A	Waterproof	-	0	0	0	0	0	220,700	220,700	
7C	Roofing	-	0	0	0	0	0	359,715	359,715	

Division 8 - Doors and Windows										41.47	292,646
--------------------------------	--	--	--	--	--	--	--	--	--	-------	---------

8A	HM Doors	-	58	2,405	0	0	27,600	0	30,005	
8B	FRP Doors	-	42	1,742	0	0	34,400	0	36,142	
8C	Finish Hardware	-	88	3,649	0	0	52,050	0	55,699	
8D	Overhead Doors	-	0	0	0	0	0	55,800	55,800	
8E	Glass & Glazing	-	0	0	0	0	0	100,000	100,000	
8F	Window Treatments	-	0	0	0	0	0	15,000	15,000	

Division 9 - Finishes										359,387
-----------------------	--	--	--	--	--	--	--	--	--	---------

9A	Drywall	-	0	0	0	0	0	129,365	129,365	
9B	Acoustic Ceilings	-	0	0	0	0	0	18,672	18,672	
9C	Flooring	-	0	0	0	0	0	103,672	103,672	
9D	Painting	-	0	0	0	0	0	107,678	107,678	

Division 10 - Specialties										52,937
---------------------------	--	--	--	--	--	--	--	--	--	--------

10C	Flagpoles	-	0	0	0	0	0	6,000	6,000	
10D	Signs	-	0	0	0	0	0	9,325	9,325	
10E	Fire Extinguishers	-	0	0	0	0	0	3,112	3,112	
10G	Lockers	-	0	0	0	0	0	12,000	12,000	
10H	Toilet Accessories	-	0	0	0	0	0	22,500	22,500	

Division 11 - Equipment										0
-------------------------	--	--	--	--	--	--	--	--	--	---

Division 12 - Furnishings										85,000
---------------------------	--	--	--	--	--	--	--	--	--	--------

12A	Lab	-	0	0	0	0	0	60,000	60,000	
12B	Appliances	-	0	0	0	0	0	25,000	25,000	

Division 13 - Special Construction										64,000
------------------------------------	--	--	--	--	--	--	--	--	--	--------

13C	Metal Panels	-	0	0	0	0	0	64,000	64,000	
-----	--------------	---	---	---	---	---	---	--------	--------	--

Division 14 - Conveyance										0
--------------------------	--	--	--	--	--	--	--	--	--	---

Division 15 - Mechanical										38.82	608,124
--------------------------	--	--	--	--	--	--	--	--	--	-------	---------

Pipe Package Buyout:

15A	Buy Pipe Package	-	0	0	0	0	16,656	0	16,656	
-----	------------------	---	---	---	---	---	--------	---	--------	--

PLW Pipe Installation:

15J	Install A/G Process Pipe	145	5,629	0	32	640	167	0	6,468	
-----	--------------------------	-----	-------	---	----	-----	-----	---	-------	--

Division 15 - Mechanical Subs										585,000
-------------------------------	--	--	--	--	--	--	--	--	--	---------

15N	Plumbing	-	0	0	0	0	0	585,000	585,000	
-----	----------	---	---	---	---	---	---	---------	---------	--



Project: Pflugerville BP.BOP7-01.01 - Yard Piping		Bid Time:		Bid Total		18,846,400	
Location: Pflugerville, TX		Average Hourly Crew Rate Used \$ 37.18					
Bid Date:		Contract Time		LD's			
Size/Type:							
Designer: Garver							

Spec.	Line	Description	Man Hours	Labor	Field (Tax) Materials	Equipment	Contract Materials	Subs	Total	Comments
Division 1 - General Requirements										
55,983										
	1B	SWPPP	-	0	0	0	0	2,330	2,330	
	1B.1	Silt Fence	-	0	0	0	0	2,228	2,228	
	1B.5	Construction Entrance	-	0	0	0	0	51,425	51,425	

Division 2 - Sitework										
72,009										
	2A	Demolition	287	11,137	0	2,257	4,537	10,860	28,791	
	2B	Major Earthwork	104	4,037	0	7,004	5,177	10,401	26,619	
	2B.2	Subgrade	336	13,044	0	0	0	0	13,044	

Site Improvements:

	2L	Landscaping/HydMulch /Sod/Seed	-	0	0	0	0	3,555	3,555	
--	----	--------------------------------	---	---	---	---	---	-------	-------	--

Division 3 - Concrete										
12,064										
	3B	Concrete Purchase (CY)	-	0	0	0	10,982	0	10,982	Materials = N42*P42
	3C	Form/Place/Finish	12	492	0	0	381	209	1,082	

Division 4 Masonry									
0									

Division 5 - Metals									
0									

Division 6 - Wood and Plastics									
0									

Division 7 - Thermal and Moisture Protection									
0									

Division 8 - Doors and Windows									
0									

Division 9 - Finishes										
220,000										
	9E	Special Coatings	-	0	0	0	0	220,000	220,000	

Division 10 - Specialties										
40,000										
	10D	Signs	-	0	0	0	0	40,000	40,000	

Division 11 - Equipment										
5,735										
	11A.1	Process Equip Demo	119	4,757	225	240	0	513	5,735	

Division 12 - Furnishings									
0									

Division 13 - Special Construction									
0									

Division 14 - Conveyance									
0									

Division 15 - Mechanical									
10,633,401									

Pipe Package Buyout:

37.14

	15A	Buy Pipe Package - Plant Drain System	-	0	0	0	1,358,722	0	1,358,722	
	15A	Buy Pipe Package - Water	-	0	0	0	402,017	0	402,017	
	15A	Buy Pipe Package - Process	-	0	0	0	2,255,249	0	2,255,249	
	15E	Buy RCP & Box Culvert	-	0	0	0	1,087,801	0	1,087,801	
	15F	Manhole / Inlet Purchase	-	0	0	0	912,924	0	912,924	

PLW Pipe Installation:

	15H	Install Yard Pipe Plant/Storm Drains	9,132	339,162	0	376,956	279,325	663,564	1,659,007	
	15H	Install Yard Pipe - Water	9,494	352,615	0	150,043	312,411	73,263	888,332	
	15H	Install Yard Pipe - Process	7,166	266,145	0	171,546	188,435	240,799	866,925	
	15I	Install Manholes	7,545	280,221	0	336,478	126,807	34,637	778,143	
	15W	Trench Dewatering Allowance	2,000	74,280	0	250,000	50,000	50,000	424,280	

Division 15 - Mechanical Subs									
0									

Division 16 - Electrical									
0									

SUB TOTAL A			36,195	1,345,891	225	1,294,524	6,994,768	1,403,784	11,039,192	SUB TOTAL A
--------------------	--	--	--------	-----------	-----	-----------	-----------	-----------	------------	--------------------

111A Labor Escalation (per MH)			\$ 1.91	68,977				68,977	5% Escalation per A&C's
--------------------------------	--	--	---------	--------	--	--	--	--------	-------------------------



Project: Pflugerville BP.BOP7-01.01 - Yard Piping		Bid Time:		Bid Total		18,846,400	
Location: Pflugerville, TX		Average Hourly Crew Rate Used \$ 37.18					
Bid Date:		Contract Time		LD's			
Size/Type:							
Designer: Garver							

Spec.	Line	Description	Man Hours	Labor	Field (Tax) Materials	Equipment	Contract Materials	Subs	Total	Comments
	111C	Const. Equipment Escalation	1.00%			17,361			17,361	
	112A	Gen. Cond	10.00%	0	0	0		1,103,919	1,103,919	
	112B	Gen. Construction Equipment	4.00%	0	0	441,568		0	441,568	Includes Crane and Lull
		(b) Insur/Dues (Builder Risk)						35,731	35,731	
SUB TOTAL B				1,414,868	225	1,753,453	6,994,768	2,543,434	12,706,747	SUB TOTAL B

114a	Sales Tax (Unincorporated Materials)	8.25%		19					19	Tax on Unincorporated Items
114b	Sales Tax (Equipment Tax)+(Rental Tax)	10.25%				179,729			179,729	Tax on Equipment
COST OF WORK				1,414,868	244	1,933,181	6,994,768	2,543,434	12,886,495	COST OF WORK

117	Project Bid Fee	20.00%						2,577,299	2,577,299	Calculated on % Cost of Work
118	Risk Management	25.56%						3,294,046	3,294,046	Calculated on % Contract Value
SUB TOTAL C				1,414,868	244	1,933,181	6,994,768	8,414,779	18,757,839	SUB TOTAL C

120	Performance Bond							88,576	88,576	
-----	------------------	--	--	--	--	--	--	--------	--------	--

SUB TOTAL ESTIMATED AMOUNT			36,195	1,414,868	244	1,933,181	6,994,768	8,503,355	18,846,416	
Rounding Adjustment to Subtotal Above									18,846,400	
TOTAL ESTIMATED AMOUNT									18,846,400	



Project: Pflugerville BP.BOP9-01.01 - Site Work				Bid Total		6,137,000	
Location: Pflugerville, TX		Bid Time:		Average Hourly Crew Rate Used		\$ 40.98	
Bid Date:		Contract Time		LD's			
Size/Type:							
Designer: Garver							

Spec.	Line	Description	Man Hours	Labor	Field (Tax) Materials	Equipment	Contract Materials	Subs	Total	Comments
-------	------	-------------	-----------	-------	-----------------------	-----------	--------------------	------	-------	----------

Division 1 - General Requirements										0
-----------------------------------	--	--	--	--	--	--	--	--	--	---

Division 2 - Sitework										615,778
-----------------------	--	--	--	--	--	--	--	--	--	---------

2K	Chain-link Fence	-	0	0	0	0	0	238,000	238,000	
2L	Landscaping/HydMulch /Sod/Seed	-	0	0	0	0	0	377,778	377,778	

Division 3 - Concrete										40.98	3,681,523
-----------------------	--	--	--	--	--	--	--	--	--	-------	-----------

3A	Grout Purchase (CY)		0	0	0	0	10,682	0	10,682	76.3 CY @ \$140 per CY
3B	Concrete Purchase (CY)	-	0	0	0	0	1,184,631	0	1,184,631	6234.9 CY @ \$190 per CY
3C	Form/Place/Finish	3.25	20,281	831,107	48,783	0	96,836	89,164	1,065,890	
3E	Rebar Material	-	0	0	0	0	1,009,898	0	1,009,898	209 LB/CY = 651.55 TN @ \$1,550 per TN
3E.1	Welded Wire Fabric		182	7,471	0	0	4,557	0	12,028	
3F	Rebar Sub (Support + Acc)		1,931	79,136	0	0	26,062	293,196	398,395	209 LB/CY = 651.55 TN @ \$450 per TN
3G	Precast Concrete	-	0	0	0	0	0	0	-	

Division 4 Masonry										80,000
--------------------	--	--	--	--	--	--	--	--	--	--------

4A	Masonry	-	0	0	0	0	0	80,000	80,000	
----	---------	---	---	---	---	---	---	--------	--------	--

Division 5 - Metals										0
---------------------	--	--	--	--	--	--	--	--	--	---

Division 6 - Wood and Plastics										0
--------------------------------	--	--	--	--	--	--	--	--	--	---

Division 7 - Thermal and Moisture Protection										0
--	--	--	--	--	--	--	--	--	--	---

Division 8 - Doors and Windows										0
--------------------------------	--	--	--	--	--	--	--	--	--	---

Division 9 - Finishes										0
-----------------------	--	--	--	--	--	--	--	--	--	---

Division 10 - Specialties										15,000
---------------------------	--	--	--	--	--	--	--	--	--	--------

Division 11 - Equipment										0
-------------------------	--	--	--	--	--	--	--	--	--	---

Division 12 - Furnishings										0
---------------------------	--	--	--	--	--	--	--	--	--	---

Division 13 - Special Construction										0
------------------------------------	--	--	--	--	--	--	--	--	--	---

Division 14 - Conveyance										0
--------------------------	--	--	--	--	--	--	--	--	--	---

Division 15 - Mechanical										0
--------------------------	--	--	--	--	--	--	--	--	--	---

Division 15 - Mechanical Subs										
-------------------------------	--	--	--	--	--	--	--	--	--	--

Division 16 - Electrical										0
--------------------------	--	--	--	--	--	--	--	--	--	---

SUB TOTAL A			22,394	917,714	48,783	0	2,332,666	1,093,138	4,392,301	SUB TOTAL A
-------------	--	--	--------	---------	--------	---	-----------	-----------	-----------	-------------

111A	Labor Escalation (per MH)	\$ 2.10		47,033					47,033	5% Escalation per A&C's
111C	Const. Equipment Escalation	1.00%			1,757				1,757	
112A	Gen. Cond	10.00%		0	0	0	439,230		439,230	
112B	Gen. Construction Equipment	4.00%		0	0	175,692	0		175,692	Includes Lull
112C	Area Direct Cost	0.00%		0					-	
(b) Insur/Dues (Builder Risk)							11,895		11,895	

SUB TOTAL B			964,747	48,783	177,449	2,332,666	1,544,264	5,067,909	SUB TOTAL B
-------------	--	--	---------	--------	---------	-----------	-----------	-----------	-------------

114a	Sales Tax (Unincorporated Materials)	8.25%		4,025					4,025	Tax on Unincorporated Items
114b	Sales Tax (Equipment Tax)+(Rental Tax)	10.25%			18,189				18,189	Tax on Equipment

COST OF WORK			964,747	52,808	195,637	2,332,666	1,544,264	5,090,122	COST OF WORK
--------------	--	--	---------	--------	---------	-----------	-----------	-----------	--------------

117	Project Bid Fee	20.00%					1,018,024		1,018,024	Calculated on % Cost of Work
-----	-----------------	--------	--	--	--	--	-----------	--	-----------	------------------------------

SUB TOTAL C			964,747	52,808	195,637	2,332,666	2,562,288	6,108,146	SUB TOTAL C
-------------	--	--	---------	--------	---------	-----------	-----------	-----------	-------------

120	Performance Bond						28,843		28,843	
-----	------------------	--	--	--	--	--	--------	--	--------	--



Project: Pflugerville BP.BOP9-01.01 - Site Work			
Location: Pflugerville, TX			
Bid Date:	Bid Time:	Bid Total 6,137,000	
Size/Type:	Average Hourly Crew Rate Used \$ 40.98		
Designer: Garver	Contract Time	LD's	

Spec.	Line	Description	Man Hours	Labor	Field (Tax) Materials	Equipment	Contract Materials	Subs	Total	Comments
		SUB TOTAL ESTIMATED AMOUNT	22,394	964,747	52,808	195,637	2,332,666	2,591,131	6,136,989	
		Rounding Adjustment to Subtotal Above							6,137,000	
		TOTAL ESTIMATED AMOUNT							6,137,000	





Project: Pflugerville BP.BOP11-01.01 - HVAC - Site Wide		Bid Time:		Bid Total		2,457,000
Location: Pflugerville, TX		Average Hourly Crew Rate Used				
Bid Date:		Contract Time		LD's		
Size/Type:						
Designer: Garver						

Spec.	Line	Description	Man Hours	Labor	Field (Tax) Materials	Equipment	Contract Materials	Subs	Total	Subcontractor / Vendor
-------	------	-------------	-----------	-------	-----------------------	-----------	--------------------	------	-------	------------------------

Division 1 - General Requirements	0
Division 2 - Sitework	0
Division 3 - Concrete	0
Division 4 Masonry	0
Division 5 - Metals	0
Division 6 - Wood and Plastics	0
Division 7 - Thermal and Moisture Protection	0
Division 8 - Doors and Windows	0
Division 9 - Finishes	0
Division 10 - Specialties	0
Division 11 - Equipment	0
Division 12 - Furnishings	0
Division 13 - Special Construction	0
Division 14 - Conveyance	0
Division 15 - Mechanical	2,146,500

Division 15 - Mechanical Subs										
150	HVAC - BOP1-01.01	-	0	0	0	0	0	280,000	280,000	
150	HVAC - BOP2-01.01	-	0	0	0	0	0	285,000	285,000	
150	HVAC - BOP3-01.01	-	0	0	0	0	0	90,000	90,000	
150	HVAC - BOP4-01.01	-	0	0	0	0	0	150,000	150,000	
150	HVAC - BOP5-01.01	-	0	0	0	0	0	481,000	481,000	
150	HVAC - BOP6-01.01	-	0	0	0	0	0	860,500	860,500	

Division 16 - Electrical	0
--------------------------	---

SUB TOTAL A			0	0	0	0	0	2,146,500	2,146,500	SUB TOTAL A
-------------	--	--	---	---	---	---	---	-----------	-----------	-------------

111C Const. Equipment Escalation	1.00%				859				859	
112A Gen. Cond	10.00%		0	0	0		214,650		214,650	
112B Gen. Construction Equipment	4.00%		0	0	85,860		0		85,860	Includes Lull
113 (a) Bldg. Permit							0		-	
(b) Insur/Dues (Builder Risk)							0		-	

SUB TOTAL B				0	0	86,719	0	2,361,150	2,447,869	SUB TOTAL B
-------------	--	--	--	---	---	--------	---	-----------	-----------	-------------

114a Sales Tax (Unincorporated Materials)	8.25%			0					-	Tax on Unincorporated Items
114b Sales Tax (Equipment Tax)+(Rental Tax)	10.25%				8,889				8,889	Tax on Equipment

COST OF WORK				0	0	95,607	0	2,361,150	2,456,757	COST OF WORK
--------------	--	--	--	---	---	--------	---	-----------	-----------	--------------

117 Project Bid Fee	0.00%							0	-	Calculated on % Cost of Work
---------------------	-------	--	--	--	--	--	--	---	---	------------------------------

SUB TOTAL C				0	0	95,607	0	2,361,150	2,456,757	SUB TOTAL C
-------------	--	--	--	---	---	--------	---	-----------	-----------	-------------

120 Performance Bond	HB	(Specify HB=Hard Bid, CMAR, DB=Design Build)						0	-	
----------------------	----	--	--	--	--	--	--	---	---	--



Project: Pflugerville BP.BOP11-01.01 - HVAC - Site Wide	
Location: Pflugerville, TX	
Bid Date:	Bid Time:
Size/Type:	Average Hourly Crew Rate Used
Designer: Garver	Contract Time
Bid Total 2,457,000	
LD's	

Spec.	Line	Description	Man Hours	Labor	Field (Tax) Materials	Equipment	Contract Materials	Subs	Total	Subcontractor / Vendor
-------	------	-------------	-----------	-------	-----------------------	-----------	--------------------	------	-------	------------------------

SUB TOTAL ESTIMATED AMOUNT			0	0	0	95,607	0	2,361,150	2,456,757	
Rounding Adjustment to Subtotal Above									2,457,000	
TOTAL ESTIMATED AMOUNT									2,457,000	

