

Master Budget  
Exhibit B  
Category Budget

Budget Category Item	PIER Share (\$)	Match Share (\$)	Total Cost (\$)
<b>Personnel:</b>			
Direct Labor	\$ 82,725	\$ 64,390	\$ 147,115
Fringe Benefits	\$ -	\$ -	\$ -
<b>Total Personal Services</b>	<b>\$ 82,725</b>	<b>\$ 64,390</b>	<b>\$ 147,115</b>
<b>Operating Expenses:</b>			
Travel	\$ -	\$ 4,800	\$ 4,800
Equipment	\$ -	\$ 142,000	\$ 142,000
Materials / Supplies	\$ 11,250	\$ 30,000	\$ 41,250
Contractual	\$ 304,525	\$ 303,000	\$ 607,525
Miscellaneous	\$ -	\$ -	\$ -
<b>Total Operating Expenses</b>	<b>\$ 315,775</b>	<b>\$ 479,800</b>	<b>\$ 795,575</b>
<b>Overhead:</b>			
Overhead	\$ 1,125	\$ -	\$ 1,125
<b>Total Overhead</b>	<b>\$ 1,125</b>	<b>\$ -</b>	<b>\$ 1,125</b>
<b>Total</b>	<b>\$ 399,625</b>	<b>\$ 544,190</b>	<b>\$ 943,815</b>

Master Budget  
Exhibit B  
Budget Details

**Direct Labor, Unloaded Hourly Rates**

Title / Job Classification	Maximum Rate to be Billed* (\$ / Hr)	Number of Hours	PIER Share	Match Share	Total Cost
Project Operator (John Fiscalini)	\$ 125.00	198	\$ 24,750	\$ 43,015	\$ 67,765
Facilities Management (Brian Fiscalini)	\$ 75.00	773	\$ 57,975	\$ -	\$ 57,975
Facilities Maintenance (Louis Daponte)	\$ 25.00	855	\$ -	\$ 21,375	\$ -
<b>Total Direct Labor</b>			<b>\$ 82,725</b>	<b>\$ 64,390</b>	<b>\$ 147,115</b>

\* Maximum salary rates are caps: PIER will not reimburse at a higher rate over the term of the project.

**Fringe Benefits**

Title / Job Classification	Maximum % Rate to be Billed*	Base (Typically Total Direct Labor)	PIER Share	Match Share	Total Cost
	0%		\$ -	\$ -	\$ -
	0%		\$ -	\$ -	\$ -
<b>Total Fringe Benefits</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

\* Maximum fringe benefit rates are caps: PIER will not reimburse at a higher rate over the term of the project.

**Travel\*\***

Location	Purpose	Number of Trips	People per Trip	PIER Share*	Match Share	Total Cost
Sacramento	Meeting with CEC	6	2	\$ -	\$ 4,800	\$ 4,800
				\$ -	\$ -	\$ -
<b>Total Travel</b>				<b>\$ -</b>	<b>\$ 4,800</b>	<b>\$ 4,800</b>

\* PIER Share: Travel is reimbursed at State rates. Higher travel costs can count as Match Share.

\*\* Trips listed as "to be determined (TBD)" require advanced written approval from Commission Project Manager.

**Equipment**

Master Budget  
Exhibit B  
Budget Details

Item	Quantity	Unit Cost	PIER Share	Match Share	Total Cost
Testo 350XL	1	\$ 12,000	\$ -	\$ 12,000	\$ 12,000
Rotomix chopper pump mixing for AD tank	1	\$ 130,000	\$ -	\$ 130,000	\$ 130,000
<b>Total Equipment</b>			\$ -	\$ 142,000	\$ 142,000

**Materials, Supplies**

Item	Quantity	Unit Cost	PIER Share	Match Share	Total Cost
Shredder lease fee	24	\$ 833	\$ -	\$ 20,000	\$ 20,000
Silage feeder fee	20	\$ 500	\$ -	\$ 10,000	\$ 10,000
Safety protective equipment (per person day)	51	\$ 25	\$ 1,250	\$ -	\$ 1,250
Monitoring equipment maintenance	2	\$ 2,000	\$ 4,000	\$ -	\$ 4,000
Bioreactor maintenance supplies (per year)	2	\$ 3,000	\$ 6,000	\$ -	\$ 6,000
<b>Total Materials and Supplies</b>			\$ 11,250	\$ 30,000	\$ 41,250

**Contractual**

Subcontractor Name	Purpose	PIER Share	Match Share	Total Cost
B&N Enterprises	Project Administration and Technical Report	\$ 61,841		\$ 61,841
University of Pacific	Scientific sampling, analysis and report writing	\$ 232,684	\$ 303,000	\$ 535,684
Biogas Energy, Inc.	Anareobic digester training/operation	\$ 10,000		\$ 10,000
<b>Total Contractual</b>		\$ 304,525	\$ 303,000	\$ 607,525

**Miscellaneous**

Master Budget  
Exhibit B  
Budget Details

Item	Purpose	PIER Share	Match Share	Total Cost
		\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -

**Overhead**

Name of Overhead	Overhead Base*	Maximum % Rate	Base Cost	PIER Share	Match Share	Total Cost
Material overhead	Materials and supplies	10%	\$ 11,250.00	\$ 1,125	\$ -	\$ 1,125
		0%	\$ -	\$ -	\$ -	\$ -
		0%	\$ -	\$ -	\$ -	\$ -
<b>Total</b>				<b>\$ 399,625</b>	<b>\$ 544,190</b>	<b>\$ 943,815</b>

\* Base: Define cost categories used to charge Overhead rate, e.g., Total Labor, Total Direct Cost, Materials, Subcontracts, etc.

\*\* Maximum Indirect Overhead rates are caps: PIER will not reimburse at higher rates over the term of the project. \$ 943,815

**Master Budget  
Exhibit B  
Budget Summary by Task**

<b>Task #</b>	<b>Task Name</b>	<b>PIER Funding (\$)</b>	<b>Match Funding (\$)</b>	<b>Total (\$)</b>
1.1	Attend Kick-off Meeting	\$685	\$1,700	\$2,385
1.2	Critical Project Review Meetings	\$1,600	\$5,500	\$7,100
1.3	Final Meeting	\$2,000	\$1,700	\$3,700
1.4	Monthly Progress Reports	\$36,692	\$0	\$36,692
1.5	Final Report	\$5,630	\$0	\$5,630
1.6	Identify & Obtain Matching Funds	\$350	\$0	\$350
1.7	Identify & Obtain Required Permits	\$150	\$0	\$150
1.8	Establish the PAC (optional)	\$450	\$0	\$450
1.9	Conduct PAC Meetings (optional)	\$1,200	\$0	\$1,200
	Sub Total Task 1	\$48,757	\$8,900	\$57,657
2	OPERATE ANAEROBIC DIGESTION POWER GENERATION (ADPG) SYSTEM	\$119,279	\$220,290	\$339,569
3	ADPG SYSTEM SAMPLES COLLECTION	\$110,649	\$100,000	\$210,649
4	TECHNICAL ADPG SYSTEM SAMPLES ANALYSIS	\$99,788	\$215,000	\$314,788
5	TECHNOLOGY TRANSFER ACTIVITIES: COST BENEFIT ANALYSIS	\$10,952	\$0	\$10,952
6	PRODUCTION READINESS PLAN	\$10,200	\$0	\$10,200
	<b>Total</b>	<b>\$399,625</b>	<b>\$544,190</b>	<b>\$943,815</b>

Master Budget  
Exhibit B  
PIER Funding By Task

PIER Funding (\$)		Direct Labor	Fringe Benefits	Travel	Equipment	Materials	Contractual	Misc	Indirect Overhead	G&A	Total
<b>Task</b>	<b>Project Administration Activities</b>										
1.1	Attend Kick-off Meeting	250					435				\$685
1.2	Critical Project Review Meetings						1,600				\$1,600
1.3	Final Meeting	1,200					800				\$2,000
1.4	Monthly Progress Reports						36,692				\$36,692
1.5	Final Report						5,630				\$5,630
1.6	Identify and Obtain Matching Funds						350				\$350
1.7	Identify and Obtain Required Permits						150				\$150
1.8	Establish the PAC (optional)						450				\$450
1.9	Conduct PAC Meetings (optional)						1,200				\$1,200
	<b>Administration Activities Subtotals</b>	<b>\$1,450</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$47,307</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$48,757</b>
<b>Task</b>	<b>Project Technical Activities</b>										
2	<b>OPERATE ANAEROBIC DIGESTION POWER GENERATION (ADPG) SYSTEM</b>	75,275					44,004				\$119,279
3	<b>ADPG SYSTEM SAMPLES COLLECTION</b>					11,250	98,274		1,125		\$110,649
4	<b>TECHNICAL ADPG SYSTEM SAMPLES ANALYSIS</b>						99,788				\$99,788
5	<b>TECHNOLOGY TRANSFER ACTIVITIES: COST BENEFIT ANALYSIS</b>	4,500					6,452				\$10,952
6	<b>PRODUCTION READINESS PLAN</b>	1,500					8,700				\$10,200
	<b>Technical Activities Subtotals</b>	<b>\$81,275</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$11,250</b>	<b>\$257,218</b>	<b>\$0</b>	<b>\$1,125</b>	<b>\$0</b>	<b>\$350,868</b>
		Direct Labor	Fringe Benefits	Travel	Equipment	Materials	Contractual	Misc	Indirect Overhead	G&A	Total
	<b>PIER Reimbursable Totals</b>	<b>\$82,725</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$11,250</b>	<b>\$304,525</b>	<b>\$0</b>	<b>\$1,125</b>	<b>\$0</b>	<b>\$399,625</b>
	<b>Percent of the Total</b>	21%	0%	0%	0%	3%	76%	0%	0%	0%	100%

Master Budget  
Exhibit B  
Match Budget

<b>Match Funding (\$)</b>		Direct Labor	Fringe Benefits	Travel	Equipment	Materials	Contractual	Misc	Indirect Overhead	G&A	Total
<b>Task 1 Project Administration Activities</b>											
1.1	Attend Kick-off Meeting	700		1,000							\$1,700
1.2	Critical Project Review Meetings	2,700		2,800							\$5,500
1.3	Final Meeting	700		1,000							\$1,700
1.4	Monthly Progress Reports										\$0
1.5	Final Report										\$0
1.6	Identify & Obtain Matching Funds										\$0
1.7	Identify & Obtain Required Permits										\$0
1.8	Establish the PAC (optional)										\$0
1.9	Conduct PAC Meetings (optional)										\$0
<b>Administration Activities Subtotals</b>		<b>\$4,100</b>	<b>\$0</b>	<b>\$4,800</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,900</b>
<b>Task Project Technical Activities</b>											
2	<b>OPERATE ANAEROBIC DIGESTION POWER GENERATION (ADPG) SYSTEM</b>	60,290			130,000	30,000					\$220,290
3	<b>ADPG SYSTEM SAMPLES COLLECTION</b>						100,000				\$100,000
4	<b>TECHNICAL ADPG SYSTEM SAMPLES ANALYSIS</b>				12,000		203,000				\$215,000
5	<b>TECHNOLOGY TRANSFER ACTIVITIES: COST BENEFIT ANALYSIS</b>										\$0
6	<b>PRODUCTION READINESS PLAN</b>										\$0
<b>Technical Activities Subtotals</b>		<b>\$60,290</b>	<b>\$0</b>	<b>\$0</b>	<b>\$142,000</b>	<b>\$30,000</b>	<b>\$303,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$535,290</b>
<b>Match Funds Totals</b>		<b>\$64,390</b>	<b>\$0</b>	<b>\$4,800</b>	<b>\$142,000</b>	<b>\$30,000</b>	<b>\$303,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$544,190</b>
<b>Percentage of the Total</b>		12%	0%	1%	26%	6%	56%	0%	0%	0%	100%