

**TABLE F-1
 PROPOSED ANNUAL FIXED FEE COST SUMMARY
 ROUTINE OPERATION, MAINTENANCE & MONITORING
 LANDFILL GAS EXTRACTION AND TREATMENT SYSTEMS
 COUNTY OF SAN BERNARDINO**

Site	Annual Cost
Barstow Sanitary Landfill	\$ 323,139.00
Big Bear Sanitary Landfill	\$ 298,015.00
Colton Sanitary Landfill	\$ 657,056.02
Heaps Peak Disposal Site	\$ 294,908.75
Landers Sanitary Landfill	\$ 310,776.00
Milliken Sanitary Landfill	\$ 828,615.91
Victorville Sanitary Landfill	\$ 417,766.61

TABLE F - 1.1 BARSTOW LANDFILL ANNUAL ITEMIZED OM&M COST:

LABOR CATEGORY

LABOR RATE (Input by Proposer)

Principal	Sr. Engineer	Project Manager	Project Engineer	Senior Technician	Technician	Clerical	Labor Cost Sub-total	Sub-contractors	Laboratory Services	Outside Services	Expenses	Outside Svcs Subtotal	Total
\$ 337.00	\$ 255.00	\$ 297.00	\$ 253.00	\$ 186.00	\$ 162.00	\$ 115.00							

TASK (Hours per Task and Rate Category - Input by Proposer)

Item No.

Task

HOURS PER RATE CATEGORY							ANNUAL COSTS						
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2.a.1	Daily condensate sump inspection and transfer of condensate to main holding tank					254							\$ 47,244.00					\$ -	\$ 47,244.00	
2.a.2	Daily determination of LFG composition (CH4,CO2, O2, bal.) at station inlet					123							\$ 22,878.00					\$ -	\$ 22,878.00	
2.c.1	Twice monthly monitoring of LFG wells, data evaluation and well adjustments		6			176							\$ 34,518.00					\$ 1,000.00	\$ 1,000.00	\$ 35,518.00
2.c.2	Twice monthly inspection of all above-ground headers and performance of minor repairs					96							\$ 17,856.00					\$ 1,500.00	\$ 1,500.00	\$ 19,356.00
2.c.3	Twice monthly upload of LFG well data to data management application					24							\$ 4,464.00					\$ -	\$ -	\$ 4,464.00
2.c.4	Deviation well adjustments and remonitoring as needed					44							\$ 8,184.00					\$ -	\$ -	\$ 8,184.00
2.d.1	Monthly inspection and monitoring of LFGES GAC/blower stations (all components)					6							\$ 1,116.00					\$ -	\$ -	\$ 1,116.00
2.d.2	Monthly LFG sampling (inlet and outlet)		6			48							\$ 10,710.00	\$ 14,520.00				\$ 720.00	\$ 15,240.00	\$ 25,950.00
2.d.3	Monthly LFG Perimeter Probe Monitoring					60							\$ 11,160.00					\$ -	\$ -	\$ 11,160.00
4.a	Instantaneous Surface Monitoring												\$ -	\$ 7,260.00				\$ -	\$ 7,260.00	\$ 7,260.00
4.b	Quarterly Reports to MDAQMD												\$ -					\$ -	\$ -	\$ -
5.a	Monthly OM&M Report to SWMD		3				24						\$ 3,651.00					\$ -	\$ -	\$ 3,651.00
5.e	Annual Federal Greenhouse Gas (MRR) Report												\$ -					\$ 4,000.00	\$ 4,000.00	\$ 4,000.00
5.h	Semi Annual New Source Performance Standard Report (NSPS)												\$ -					\$ -	\$ -	\$ -
5.i	Annual AB32 LMR Report												\$ -					\$ -	\$ -	\$ -
5.n	Comprehensive Emissions Inventory Update Survey, Plan and Report to MDAQMD												\$ -					\$ 8,500.00	\$ 8,500.00	\$ 8,500.00
5.o	Quarterly Rule 1126 Reports to MDAQMD												\$ -					\$ 11,500.00	\$ 11,500.00	\$ 11,500.00
5.p	Annual Emission Report (AER) and Fees to MDAQMD (Barstow Sanitary Landfill)												\$ -					\$ -	\$ -	\$ -
5.q	Annual Heat Input Capacity Reports to MDAQMD												\$ -					\$ 4,600.00	\$ 4,600.00	\$ 4,600.00
5.r	Semi-Annual Monitoring Report to MDAQMD												\$ -					\$ -	\$ -	\$ -
5.s	Annual Title V Compliance Certification to MDAQMD												\$ -					\$ 3,500.00	\$ 3,500.00	\$ 3,500.00
5.t	Any other report required by the regulatory agencies not listed (Annual & Semi Annual Title V Reports)												\$ -					\$ 5,750.00	\$ 5,750.00	\$ 5,750.00
6	Routine Maintenance Activities		6			104							\$ 21,126.00					\$ -	\$ -	\$ 21,126.00
7	Project Administration		32			23		12					\$ 15,162.00					\$ 15,000.00	\$ 15,000.00	\$ 30,162.00
7a	Coordination with County's Contracted Landfill Operator and Landfill Gas Utilization Contractor					12		24					\$ 8,028.00					\$ -	\$ -	\$ 8,028.00
7b	Project Progress Meetings					6							\$ 1,782.00					\$ -	\$ -	\$ 1,782.00
7c	Project Safety				20	4		58					\$ 17,740.00					\$ 3,182.00	\$ 3,182.00	\$ 20,922.00
7d	Monthly site inspection by Project Manager					48		12					\$ 16,488.00					\$ -	\$ -	\$ 16,488.00
													TOTAL ANNUAL COST FOR THE OM&M FOR THE BSL					\$ 323,139.00		
2.c.1 (opt)	Once monthly monitoring of LFG wells, data evaluation and well adjustments					114							\$ 21,204.00					\$ -	\$ -	\$ 21,204.00
2.c.2 (opt)	Once monthly inspection of all above-ground headers and performance of minor repairs					12							\$ 2,232.00					\$ -	\$ -	\$ 2,232.00

TABLE F-1.2 BIG BEAR LANDFILL ANNUAL ITEMIZED OM&M COST:

LABOR CATEGORY

LABOR RATE (Input by Proposer)

Principal	Sr. Engineer	Project Manager	Project Engineer	Senior Technician	Technician	Clerical	Labor Cost Sub-total	Sub-contractors	Laboratory Services	Outside Services	Expenses	Outside Svcs Subtotal	Total
\$ 337.00	\$ 255.00	\$ 297.00	\$ 253.00	\$ 186.00	\$ 162.00	\$ 115.00							

TASK (Hours per Task and Rate Category - Input by Proposer)

Item No.	Task
2.c.1	Twice monthly monitoring of LFG wells, data evaluation and well adjustments
2.c.2	Twice monthly inspection of all above-ground headers and performance of minor repairs
2.c.3	Twice monthly upload of LFG well data to data management application
2.c.4	Deviation well adjustments and remonitoring as needed
2.d.1	Monthly inspection and monitoring of LFGES GAC/blower stations (all components)
2.d.2	Monthly LFG sampling (inlet and outlet)
2.d.3	Monthly LFG Perimeter Probe Monitoring
4.a	Instantaneous Surface Monitoring
4.b	Quarterly Reports to MDAQMD
5.a	Monthly OM&M Report to SWMD
5.e	Annual Federal Greenhouse Gas (MRR) Report
5.h	Semi Annual New Source Performance Standard Report (NSPS)
5.i	Annual AB32 LMR Report
5.n	Comprehensive Emissions Inventory Update Survey, Plan and Report to MDAQMD
5.o	Quarterly Rule 1126 Reports to MDAQMD
5.r	Semi-Annual Monitoring Report to MDAQMD
5.s	Annual LFGES OM&M Report to MDAQMD
5.t	Any other report required by the regulatory agencies not listed
6	Routine Maintenance Activities
7	Project Administration
7a	Coordination with County's Contracted Landfill Operator and Landfill Gas Utilization Contractor
7b	Project Progress Meetings
7c	Project Safety
7d	Monthly site inspection by Project Manager
2.c.1 (opt)	Once monthly monitoring of LFG wells, data evaluation and well adjustments
2.c.2 (opt)	Once monthly inspection of all above-ground headers and performance of minor repairs

HOURS PER RATE CATEGORY							ANNUAL COSTS						
		6		272			\$ 52,374.00				\$ 1,000.00	\$ 1,000.00	\$ 53,374.00
				48			\$ 8,928.00				\$ 1,200.00	\$ 1,200.00	\$ 10,128.00
				24			\$ 4,464.00				\$ -	\$ -	\$ 4,464.00
				27			\$ 5,022.00				\$ -	\$ -	\$ 5,022.00
				18			\$ 3,348.00				\$ -	\$ -	\$ 3,348.00
		6		12			\$ 4,014.00		\$ 14,520.00		\$ 720.00	\$ 15,240.00	\$ 19,254.00
				44			\$ 8,184.00				\$ -	\$ -	\$ 8,184.00
		4					\$ 1,188.00	\$ 16,632.00			\$ 16,632.00	\$ -	\$ 17,820.00
							\$ -				\$ -	\$ -	\$ -
		3				24	\$ 3,651.00				\$ -	\$ -	\$ 3,651.00
							\$ -				\$ -	\$ -	\$ -
							\$ -				\$ -	\$ -	\$ -
							\$ -				\$ -	\$ -	\$ -
							\$ -				\$ 8,500.00	\$ 8,500.00	\$ 8,500.00
							\$ -				\$ -	\$ -	\$ -
							\$ -				\$ -	\$ -	\$ -
							\$ -				\$ -	\$ -	\$ -
							\$ -				\$ 2,700.00	\$ 2,700.00	\$ 2,700.00
		6		208			\$ 40,470.00				\$ -	\$ -	\$ 40,470.00
		16		134		12	\$ 31,056.00				\$ 15,000.00	\$ 15,000.00	\$ 46,056.00
		12		104			\$ 22,908.00				\$ -	\$ -	\$ 22,908.00
		6					\$ 1,782.00				\$ -	\$ -	\$ 1,782.00
		10		149			\$ 30,684.00				\$ 3,182.00	\$ 3,182.00	\$ 33,866.00
		48		12			\$ 16,488.00				\$ -	\$ -	\$ 16,488.00
TOTAL ANNUAL COST FOR THE OM&M FOR THE BBSL												\$ 298,015.00	
		3		136			\$ 26,187.00				\$ -	\$ -	\$ 26,187.00
				24			\$ 4,464.00				\$ -	\$ -	\$ 4,464.00

TABLE F-1.3 COLTON SANITARY LANDFILL ANNUAL ITEMIZED OM&M COST:

LABOR CATEGORY

LABOR RATE (Input by Proposer)

Principal	Sr. Engineer	Project Manager	Project Engineer	Senior Technician	Technician	Clerical	Labor Cost Sub-total	Sub-contractors	Laboratory Services	Outside Services	Expenses	Outside Svcs Subtotal	Total
\$ 337.00	\$ 255.00	\$ 297.00	\$ 253.00	\$ 186.00	\$ 162.00	\$ 115.00							

TASK (Hours per Task and Rate Category - Input by Proposer)

Item No.	Task	HOURS PER RATE CATEGORY						ANNUAL COSTS						
		Principal	Sr. Engineer	Project Manager	Project Engineer	Senior Technician	Technician	Labor Cost Sub-total	Sub-contractors	Laboratory Services	Outside Services	Expenses	Outside Svcs Subtotal	Total
2.a.1.	Daily condensate sump inspection and transfer of condensate to main holding tank					303.33		\$ 56,420.00				\$ -	\$ 56,420.00	
2.a.2.	Daily determination of LFG composition (CH4, CO2, O2, bal.) at station inlet					65.00		\$ 12,090.00				\$ -	\$ 12,090.00	
2.b.1	Weekly site inspection by Project Manager							\$ -				\$ -	\$ -	
2.b.2	Weekly inspection and monitoring of the flare station (all components)					26		\$ 4,836.00				\$ -	\$ 4,836.00	
2.b.3	Weekly adjustment of condensate injection rate					17.33		\$ 3,224.00				\$ -	\$ 3,224.00	
2.c.1	Twice monthly monitoring of LFG wells, data evaluation and well adjustments			24		484		\$ 97,152.00				\$ 1,200.00	\$ 1,200.00	\$ 98,352.00
2.c.2	Twice monthly inspection of all above-ground headers and performance of minor repairs					96		\$ 17,856.00				\$ 3,000.00	\$ 3,000.00	\$ 20,856.00
2.c.3	Twice monthly upload of LFG well data to data management application					24		\$ 4,464.00				\$ -	\$ -	\$ 4,464.00
2.c.4	Deviation well adjustments and remonitoring as needed					48.40		\$ 9,002.40				\$ -	\$ -	\$ 9,002.40
3.a	Instantaneous Surface Monitoring							\$ -	\$ 8,142.00			\$ 8,142.00	\$ 8,142.00	
3.b	Integrated Surface Sampling and Analysis							\$ -	\$ 10,313.20	\$ 5,060.00		\$ 400.00	\$ 15,773.20	\$ 15,773.20
3.c	Ambient Air Sampling and Analysis							\$ -	\$ 4,232.00	\$ 10,120.00		\$ 400.00	\$ 14,752.00	\$ 14,752.00
3.d	Landfill Gas Sampling and Analysis					6		\$ 1,116.00		\$ 3,680.00		\$ 120.00	\$ 3,800.00	\$ 4,916.00
3.e	Perimeter Probe Monitoring, Sampling and Analysis					46		\$ 8,556.00		\$ 15,180.00		\$ 720.00	\$ 15,900.00	\$ 24,456.00
3.f	Flare / Blower Station Component Leak Test					4		\$ 744.00				\$ 400.00	\$ 400.00	\$ 1,144.00
3.g	Wellhead Gauge Pressure							\$ -				\$ -	\$ -	
3.h	SCAQMD Rule 431.1 Sampling and Analysis			6		12		\$ 4,014.00				\$ -	\$ 4,014.00	
3.i	Quarterly Rule 1150.1 Report							\$ -				\$ -	\$ -	
3.j	Annual Rule 1150.1 Report							\$ -				\$ -	\$ -	
3.k	Annual Source Testing and Reporting*			24		64		\$ 19,032.00	\$ 36,237.42			\$ 1,200.00	\$ 37,437.42	\$ 56,469.42
5.a	Monthly OM&M Report to SWMD			16				\$ 15,792.00				\$ 1,200.00	\$ 1,200.00	\$ 16,992.00
5.b	Monthly Condensate Report to SWMD							\$ -				\$ 720.00	\$ 720.00	\$ 720.00
5.c	Semi-Annual Title V Report to AQMD							\$ -				\$ 5,750.00	\$ 5,750.00	\$ 5,750.00
5.d	Annual Title V Report and Certification to AQMD							\$ -				\$ 2,875.00	\$ 2,875.00	\$ 2,875.00
5.e	Annual Federal Greenhouse Gas (MRR) Report							\$ -				\$ 4,600.00	\$ 4,600.00	\$ 4,600.00
5.f	Annual Startup Shutdown Malfunction Report (SSM)							\$ -				\$ -	\$ -	
5.g	Semi Annual Startup Shutdown Malfunction Report (SSM)							\$ -				\$ -	\$ -	
5.h	Semi Annual New Source Performance Standard Report (NSPS)							\$ -				\$ 14,700.00	\$ 14,700.00	\$ 14,700.00
5.i	Annual AB32 LMR Report							\$ -				\$ -	\$ -	
5.j	Annual Emission Report (AER) and Fees to SCAQMD							\$ -				\$ 4,600.00	\$ 4,600.00	\$ 4,600.00
5.k	Annual and Quarterly Rule 1150.1 Reports to SCAQMD							\$ -				\$ 22,400.00	\$ 22,400.00	\$ 22,400.00
5.l	Annual and Quarterly Rule 431.1 Reports to SCAQMD							\$ -				\$ 3,000.00	\$ 3,000.00	\$ 3,000.00
5.t	Any other report required by the regulatory agencies not listed							\$ -				\$ -	\$ -	
6	Routine Maintenance Activities			24		104		\$ 26,472.00				\$ 6,000.00	\$ 6,000.00	\$ 32,472.00
7	Project Administration			24		520		\$ 115,808.00				\$ 15,000.00	\$ 15,000.00	\$ 130,808.00
7a	Coordination with County's Contracted Landfill Operator and Landfill Gas Utilization Contractor			12				\$ 3,564.00				\$ -	\$ 3,564.00	
7b	Project Progress Meetings			12				\$ 3,564.00				\$ -	\$ 3,564.00	
7c	Project Safety			12	2	260		\$ 52,430.00				\$ 3,182.00	\$ 3,182.00	\$ 55,612.00
7d	Monthly site inspection by Project Manager			48		12		\$ 16,488.00				\$ -	\$ 16,488.00	
TOTAL ANNUAL COST FOR THE OM&M FOR THE CSL												\$ 657,056.02		
2.c.1 (opt)	Once monthly monitoring of LFG wells, data evaluation and well adjustments			12		242		\$ 48,576.00				\$ -	\$ 48,576.00	
2.c.3 (opt)	Once monthly upload of LFG well data to data management application					12		\$ 2,232.00				\$ -	\$ 2,232.00	
*3.k (opt)	*Annual Source Testing and Reporting <i>Using Total Air Analysis, Inc</i>			24		64		\$ 19,032.00	\$ 21,605.28			\$ 1,200.00	\$ 22,805.28	\$ 41,837.28

TABLE F-1.4 HEAPS PEAK DISPOSAL SITE ANNUAL ITEMIZED OM&M COST:

LABOR CATEGORY

LABOR RATE (Input by Proposer)

Principal	Sr. Engineer	Project Manager	Project Engineer	Senior Technician	Technician	Clerical	Labor Cost Sub-total	Sub-contractors	Laboratory Services	Outside Services	Expenses	Outside Svcs Subtotal	Total
\$ 337.00	\$ 255.00	\$ 297.00	\$ 253.00	\$ 186.00	\$ 162.00	\$ 115.00							

TASK (Hours per Task and Rate Category - Input by Proposer)

Item No.	Task	HOURS PER RATE CATEGORY						ANNUAL COSTS						
		Principal	Sr. Engineer	Project Manager	Project Engineer	Senior Technician	Technician	Labor Cost Sub-total	Sub-contractors	Laboratory Services	Outside Services	Expenses	Outside Svcs Subtotal	Total
2.c.1	Twice monthly monitoring of LFG wells, data evaluation and well adjustments			12			116	\$ 22,356.00				\$ 1,000.00	\$ 1,000.00	\$ 23,356.00
2.c.2	Twice monthly inspection of all above-ground headers and performance of minor repairs						48	\$ 7,776.00				\$ 1,200.00	\$ 1,200.00	\$ 8,976.00
2.c.3	Twice monthly upload of LFG well data to data management application						24	\$ 3,888.00				\$ -	\$ -	\$ 3,888.00
2.c.4	Deviation well adjustments and remonitoring as needed						11.6	\$ 1,879.20				\$ -	\$ -	\$ 1,879.20
2.d.1	Monthly inspection and monitoring of LFGES GAC/blower stations (all components)						18	\$ 2,916.00				\$ -	\$ -	\$ 2,916.00
2.d.2	Monthly LFG sampling (inlet and outlet)						12	\$ 1,944.00		\$ 22,080.00		\$ 22,080.00	\$ -	\$ 24,024.00
2.d.3	Monthly LFG Perimeter Probe Monitoring						34	\$ 5,508.00				\$ -	\$ -	\$ 5,508.00
3.a	Instantaneous Surface Monitoring							\$ -	\$ 776.25			\$ 776.25	\$ -	\$ 776.25
3.b	Integrated Surface Sampling and Analysis							\$ -				\$ -	\$ -	\$ -
3.c	Ambient Air Sampling and Analysis							\$ -	\$ 1,058.00	\$ 2,530.00		\$ 3,588.00	\$ -	\$ 3,588.00
3.d	Landfill Gas Sampling and Analysis						12	\$ 1,944.00		\$ 15,180.00		\$ 720.00	\$ 15,900.00	\$ 17,844.00
3.e	Perimeter Probe Monitoring, Sampling and Analysis						96	\$ 15,552.00		\$ 632.50		\$ 360.00	\$ 992.50	\$ 16,544.50
3.f	Flare / Blower Station Component Leak Test						4	\$ 648.00				\$ -	\$ -	\$ 648.00
3.g	Wellhead Gauge Pressure							\$ -				\$ -	\$ -	\$ -
3.i	Quarterly Rule 1150.1 Report							\$ -				\$ -	\$ -	\$ -
3.j	Annual Rule 1150.1 Report							\$ -				\$ -	\$ -	\$ -
5.a	Monthly OM&M Report to SWMD			4			24	\$ 3,948.00				\$ -	\$ -	\$ 3,948.00
5.h	Semi Annual New Source Performance Standard Report (NSPS)							\$ -				\$ -	\$ -	\$ -
5.i	Annual AB32 LMR Report							\$ -				\$ -	\$ -	\$ -
5.k	Annual and Quarterly Rule 1150.1 Reports to SCAQMD							\$ -			\$ 18,000.00	\$ 18,000.00	\$ -	\$ 18,000.00
5.t	Any other report required by the regulatory agencies not listed							\$ -			\$ 4,400.00	\$ 4,400.00	\$ -	\$ 4,400.00
6	Routine Maintenance Activities						104	\$ 16,848.00				\$ -	\$ -	\$ 16,848.00
7	Project Administration						416	\$ 68,887.00				\$ 15,000.00	\$ 15,000.00	\$ 83,887.00
7a	Coordination with County's Contracted Landfill Operator and Landfill Gas Utilization Contractor			12			92	\$ 18,532.80				\$ -	\$ -	\$ 18,532.80
7b	Project Progress Meetings			12				\$ 3,564.00				\$ -	\$ -	\$ 3,564.00
7c	Project Safety			26	1		52	\$ 16,399.00				\$ 3,182.00	\$ 3,182.00	\$ 19,581.00
7d	Monthly site inspection by Project Manager			48			12	\$ 16,200.00				\$ -	\$ -	\$ 16,200.00
													TOTAL ANNUAL COST FOR THE OM&M HPDS \$ 294,908.75	
2.c.1 (opt)	Once monthly monitoring of LFG wells, data evaluation and well adjustments			6			58	\$ 11,178.00				\$ -	\$ -	\$ 11,178.00
2.c.3 (opt)	Once monthly upload of LFG well data to data management application						12	\$ 1,944.00				\$ -	\$ -	\$ 1,944.00

TABLE F-1.6 LANDERS LANDFILL ANNUAL ITEMIZED OM&M COST

LABOR CATEGORY

LABOR RATE (Input by Proposer)

Principal	Sr. Engineer	Project Manager	Project Engineer	Senior Technician	Technician	Clerical	Labor Cost Sub-total	Sub-contractors	Laboratory Services	Outside Services	Expenses	Outside Svcs Subtotal	Total
\$ 337.00	\$ 255.00	\$ 297.00	\$ 253.00	\$ 186.00	\$ 162.00	\$ 115.00							

TASK (Hours per Task and Rate Category - Input by Proposer)

Item No.	Task
2.a.1	Daily condensate sump inspection and transfer of condensate to main holding tank
2.a.2	Daily determination of LFG composition (CH4,CO2, O2, bal.) at station inlet
2.c.1	Twice monthly monitoring of LFG wells, data evaluation and well adjustments
2.c.2	Twice monthly inspection of all above-ground headers and performance of minor repairs
2.c.3	Twice monthly upload of LFG well data to data management application
2.c.4	Deviation well adjustments and remonitoring as needed
2.d.1	Monthly LFG sampling (inlet and outlet)
2.d.3	Monthly LFG Perimeter Probe Monitoring
2.d.2	Monthly LFG samples collection
4.a	Instantaneous Surface Monitoring
4.b	Quarterly Reports to MDAQMD
5.a	Monthly OM&M Report to SWMD
5.e	Annual Federal Greenhouse Gas (MRR) Report
5.h	Semi Annual New Source Performance Standard Report (NSPS)
5.i	Annual AB32 LMR Report
5.n	Comprehensive Emissions Inventory Update Survey, Plan and Report to MDAQMD
5.o	Quarterly Rule 1126 Reports to MDAQMD
5.q	Annual Heat Input Capacity Reports to MDAQMD
5.r	Semi-Annual Monitoring Report to MDAQMD
5.t	Any other report required by the regulatory agencies not listed
6	Routine Maintenance Activities
7	Project Administration
7a	Coordination with County's Contracted Landfill Operator and Landfill Gas Utilization Contractor
7b	Project Progress Meetings
7c	Project Safety
7d	Monthly site inspection by Project Manager
2.c.1 (opt)	Once monthly monitoring of LFG wells, data evaluation and well adjustments
2.c.3 (opt)	Once monthly upload of LFG well data to data management application

HOURS PER RATE CATEGORY							ANNUAL COSTS						
Principal	Sr. Engineer	Project Manager	Project Engineer	Senior Technician	Technician	Clerical	Labor Cost Sub-total	Sub-contractors	Laboratory Services	Outside Services	Expenses	Outside Svcs Subtotal	Total
				191			\$ 35,526.00					\$ -	\$ 35,526.00
				123			\$ 22,878.00					\$ -	\$ 22,878.00
				84			\$ 15,624.00				\$ 1,000.00	\$ 1,000.00	\$ 16,624.00
				12			\$ 2,232.00				\$ 600.00	\$ 600.00	\$ 2,832.00
				24			\$ 4,464.00					\$ -	\$ 4,464.00
				8			\$ 1,488.00					\$ -	\$ 1,488.00
		6		3			\$ 2,340.00		\$ 22,080.00			\$ 22,080.00	\$ 24,420.00
				39			\$ 7,254.00					\$ -	\$ 7,254.00
							\$ -					\$ -	\$ -
		2					\$ 594.00	\$ 9,108.00				\$ 9,108.00	\$ 9,702.00
							\$ -					\$ -	\$ -
		3				6	\$ 1,581.00					\$ -	\$ 1,581.00
							\$ -				\$ 4,000.00	\$ 4,000.00	\$ 4,000.00
							\$ -					\$ -	\$ -
							\$ -					\$ -	\$ -
							\$ -				\$ 8,500.00	\$ 8,500.00	\$ 8,500.00
							\$ -				\$ 11,500.00	\$ 11,500.00	\$ 11,500.00
							\$ -				\$ 4,600.00	\$ 4,600.00	\$ 4,600.00
							\$ -				\$ 6,900.00	\$ 6,900.00	\$ 6,900.00
							\$ -				\$ 2,700.00	\$ 2,700.00	\$ 2,700.00
		3		48			\$ 9,819.00					\$ -	\$ 9,819.00
				441		24	\$ 84,786.00				\$ 15,000.00	\$ 15,000.00	\$ 99,786.00
				3			\$ 558.00					\$ -	\$ 558.00
		6					\$ 1,782.00					\$ -	\$ 1,782.00
		6	2	64			\$ 14,192.00				\$ 3,182.00	\$ 3,182.00	\$ 17,374.00
		48		12			\$ 16,488.00					\$ -	\$ 16,488.00
TOTAL ANNUAL COST FOR THE OM&M FOR THE LSL												\$ 310,776.00	
				42			\$ 7,812.00					\$ -	\$ 7,812.00
				12			\$ 2,232.00				\$ 24,000.00	\$ 24,000.00	\$ 26,232.00

TABLE F-1.8 MILLIKEN LANDFILL ANNUAL ITEMIZED OM&M COST:

LABOR CATEGORY
LABOR RATE (Input by Proposer)

Principal	Sr. Engineer	Project Manager	Project Engineer	Technician	Technician	Clerical	Labor Cost Sub-total	Sub-contractors	Laboratory Services	Outside Services	Expenses	Outside Svcs Subtotal	Total
\$ 337.00	\$ 255.00	\$ 297.00	\$ 253.00	\$ 186.00	\$ 162.00	\$ 115.00							

TASK (Hours per Task and Rate Category - Input by Proposer)

Item No.	Task	HOURS PER RATE CATEGORY						ANNUAL COSTS							
		Principal	Sr. Engineer	Project Manager	Project Engineer	Technician	Technician	Clerical	Labor Cost Sub-total	Sub-contractors	Laboratory Services	Outside Services	Expenses	Outside Svcs Subtotal	Total
2.a.1.	Daily condensate sump inspection and transfer of condensate to main holding tank					325			\$ 60,450.00				\$ -	\$ 60,450.00	
2.a.2.	Daily determination of LFG composition (CH4, CO2, O2, bal.) at station inlet					130			\$ 24,180.00				\$ -	\$ 24,180.00	
2.b.1	Weekly site inspection by Project Manager					13			\$ 2,418.00				\$ -	\$ 2,418.00	
2.b.2	Weekly inspection and monitoring of the flare station (all components)					52			\$ 9,672.00				\$ -	\$ 9,672.00	
2.b.3	Weekly adjustment of condensate injection rate					13			\$ 2,418.00				\$ -	\$ 2,418.00	
2.c.1	Twice monthly monitoring of LFG wells, data evaluation and well adjustments					1452			\$ 270,072.00				\$ 1,200.00	\$ 1,200.00	\$ 271,272.00
2.c.2	Twice monthly inspection of all above-ground headers and performance of minor repairs					48			\$ 8,928.00				\$ 2,400.00	\$ 2,400.00	\$ 11,328.00
2.c.3	Twice monthly upload of LFG well data to data management application					24			\$ 4,464.00				\$ -	\$ -	\$ 4,464.00
2.c.4	Deviation well adjustments and remonitoring as needed		48			217.8			\$ 54,766.80				\$ -	\$ -	\$ 54,766.80
3.a	Instantaneous Surface Monitoring		2			1			\$ 780.00	\$ 16,822.20			\$ 16,822.20	\$ 17,602.20	
3.b	Integrated Surface Sampling and Analysis		2			1			\$ 780.00	\$ 19,034.80	\$ 5,060.00		\$ 24,094.80	\$ 24,874.80	
3.c	Ambient Air Sampling and Analysis		2						\$ 594.00	\$ 4,738.00	\$ 10,120.00		\$ 14,858.00	\$ 15,452.00	
3.d	Landfill Gas Sampling and Analysis		2			12			\$ 2,826.00		\$ 3,680.00		\$ 360.00	\$ 4,040.00	\$ 6,866.00
3.e	Perimeter Probe Monitoring, Sampling and Analysis					194			\$ 36,084.00		\$ 15,180.00		\$ 720.00	\$ 15,900.00	\$ 51,984.00
3.f	Flare / Blower Station Component Leak Test					4			\$ 744.00				\$ -	\$ 744.00	
3.g	Wellhead Gauge Pressure								\$ -				\$ -	\$ -	
3.h	SCAQMD Rule 431.1 Sampling and Analysis					12			\$ 2,232.00				\$ 300.00	\$ 300.00	\$ 2,532.00
3.i	Quarterly Rule 1150.1 Report								\$ -				\$ -	\$ -	
3.j	Annual Rule 1150.1 Report								\$ -				\$ -	\$ -	
3.k*	Annual Source Testing and Reporting*		32			88			\$ 25,872.00	\$ 36,169.11			\$ 1,000.00	\$ 37,169.11	\$ 63,041.11
5.a	Monthly OM&M Report to SWMD		24					144	\$ 23,688.00				\$ 1,200.00	\$ 1,200.00	\$ 24,888.00
5.b	Monthly Condensate Report to SWMD		12					48	\$ 9,084.00				\$ 900.00	\$ 900.00	\$ 9,984.00
5.c	Semi-Annual Title V Report to AQMD								\$ -				\$ 5,750.00	\$ 5,750.00	\$ 5,750.00
5.d	Annual Title V Report and Certification to AQMD								\$ -				\$ 2,875.00	\$ 2,875.00	\$ 2,875.00
5.e	Annual Federal Greenhouse Gas (MRR) Report								\$ -				\$ 4,600.00	\$ 4,600.00	\$ 4,600.00
5.f	Annual Startup Shutdown Malfunction Report (SSM)								\$ -				\$ -	\$ -	
5.g	Semi Annual Startup Shutdown Malfunction Report (SSM)								\$ -				\$ -	\$ -	
5.h	Semi Annual New Source Performance Standard Report (NSPS)								\$ -				\$ 14,700.00	\$ 14,700.00	\$ 14,700.00
5.i	Annual AB32 LMR Report								\$ -				\$ -	\$ -	
5.j	Annual Emission Report (AER) and Fees to SCAQMD								\$ -				\$ 4,600.00	\$ 4,600.00	\$ 4,600.00
5.k	Annual and Quarterly Rule 1150.1 Reports to SCAQMD								\$ -				\$ 22,400.00	\$ 22,400.00	\$ 22,400.00
5.l	Annual and Quarterly Rule 431.1 Reports to SCAQMD								\$ -				\$ 3,000.00	\$ 3,000.00	\$ 3,000.00
5.t	Any other report required by the regulatory agencies not listed								\$ -				\$ -	\$ -	
6	Routine Maintenance Activities		24			104			\$ 26,472.00				\$ 4,200.00	\$ 4,200.00	\$ 30,672.00
7	Project Administration		52					104	\$ 27,404.00				\$ 15,000.00	\$ 15,000.00	\$ 42,404.00
7a	Coordination with County's Contracted Landfill Operator and Landfill Gas Utilization Contractor								\$ -				\$ -	\$ -	
7b	Project Progress Meetings		12						\$ 3,564.00				\$ -	\$ 3,564.00	
7c	Project Safety		52						\$ 15,444.00				\$ 3,182.00	\$ 3,182.00	\$ 18,626.00
7d	Monthly site inspection by Project Manager		48			12			\$ 16,488.00				\$ -	\$ 16,488.00	
TOTAL ANNUAL COST FOR THE OM&M FOR THE MSL													\$ 828,615.91		
2.c.1 (opt)	Once monthly monitoring of LFG wells, data evaluation and well adjustments					726			\$ 135,036.00				\$ -	\$ 135,036.00	
2.c.3 (opt)	Once monthly upload of LFG well data to data management application					12			\$ 2,232.00				\$ 27,000.00	\$ 27,000.00	\$ 29,232.00
3.k*	*Annual Source Testing and Reporting <i>Using Total Air Analysis, Inc</i>		32			88			\$ 25,872.00	\$ 21,605.28			\$ 1,000.00	\$ 22,605.28	\$ 48,477.28

TABLE F-1.10 VICTORVILLE LANDFILL ANNUAL ITEMIZED OM&M COST:

LABOR CATEGORY
LABOR RATE (Input by Proposer)

Principal	Sr. Engineer	Project Manager	Project Engineer	Senior Technician	Technician	Clerical	Labor Cost Sub-total	Sub-contractors	Laboratory Services	Outside Services	Expenses	Outside Svcs Subtotal	Total
\$ 337.00	\$ 255.00	\$ 297.00	\$ 253.00	\$ 186.00	\$ 162.00	\$ 115.00							

TASK (Hours per Task and Rate Category - Input by Proposer)

Item No.	Task	HOURS PER RATE CATEGORY						ANNUAL COSTS					
		Principal	Sr. Engineer	Project Manager	Project Engineer	Senior Technician	Technician	Labor Cost Sub-total	Sub-contractors	Laboratory Services	Outside Services	Expenses	Outside Svcs Subtotal
2.a.1.	Daily condensate sump inspection and transfer of condensate to main holding tank					130		\$ 24,180.00				\$ -	\$ 24,180.00
2.a.2.	Daily determination of LFG composition (CH4, CO2, O2, bal.) at station inlet					130		\$ 24,180.00				\$ -	\$ 24,180.00
2.b.1.	Weekly site inspection by Project Manager					13		\$ 2,418.00				\$ -	\$ 2,418.00
2.b.2.	Weekly inspection and monitoring of the flare station (all components)					52		\$ 9,672.00				\$ -	\$ 9,672.00
2.b.3.	Weekly adjustment of condensate injection rate					26		\$ 4,836.00				\$ -	\$ 4,836.00
2.c.1.	Twice monthly monitoring of LFG wells, data evaluation and well adjustments					292		\$ 54,312.00			\$ 1,000.00	\$ 1,000.00	\$ 55,312.00
2.c.2.	Twice monthly inspection of all above-ground headers and performance of minor repairs					24		\$ 4,464.00			\$ 1,200.00	\$ 1,200.00	\$ 5,664.00
2.c.3.	Twice monthly upload of LFG well data to data management application					24		\$ 4,464.00			\$ -	\$ -	\$ 4,464.00
2.c.4.	Deviation well adjustments and remonitoring as needed			48		43.8		\$ 22,402.80				\$ -	\$ 22,402.80
4.a.	Instantaneous Surface Monitoring			2		1		\$ 780.00	\$ 14,283.00			\$ 14,283.00	\$ 15,063.00
4.b.	Quarterly Reports to MDAQMD							\$ -				\$ -	\$ -
4.c.*	Annual Source Testing and Reporting*			16		32		\$ 10,704.00	\$ 25,609.81		\$ 800.00	\$ 26,409.81	\$ 37,113.81
5.a.	Monthly OM&M Report to SWMD			24			192	\$ 29,208.00			\$ 900.00	\$ 900.00	\$ 30,108.00
5.c.	Semi-Annual Title V Report to AQMD							\$ -			\$ 5,750.00	\$ 5,750.00	\$ 5,750.00
5.d.	Annual Title V Report and Certification to AQMD							\$ -			\$ 2,875.00	\$ 2,875.00	\$ 2,875.00
5.e.	Annual Federal Greenhouse Gas (MRR) Report							\$ -			\$ 4,600.00	\$ 4,600.00	\$ 4,600.00
5.f.	Annual Startup Shutdown Malfunction Report (SSM)							\$ -			\$ -	\$ -	\$ -
5.g.	Semi Annual Startup Shutdown Malfunction Report (SSM)							\$ -			\$ -	\$ -	\$ -
5.h.	Semi Annual New Source Performance Standard Report (NSPS)							\$ -			\$ 14,700.00	\$ 14,700.00	\$ 14,700.00
5.i.	Annual AB32 LMR Report							\$ -			\$ 4,600.00	\$ 4,600.00	\$ 4,600.00
5.n.	Comprehensive Emissions Inventory Update Survey, Plan and Report to MDAQMD							\$ -			\$ 9,000.00	\$ 9,000.00	\$ 9,000.00
5.o.	Quarterly Rule 1126 Reports to MDAQMD							\$ -			\$ 11,500.00	\$ 11,500.00	\$ 11,500.00
5.t.	Any other report required by the regulatory agencies not listed							\$ -			\$ -	\$ -	\$ -
6.	Routine Maintenance Activities			12		52		\$ 13,236.00			\$ 3,000.00	\$ 3,000.00	\$ 16,236.00
7.	Project Administration			61		97	104	\$ 48,119.00			\$ 15,000.00	\$ 15,000.00	\$ 63,119.00
7a.	Coordination with County's Contracted Landfill Operator and Landfill Gas Utilization Contractor					26		\$ 4,836.00			\$ -	\$ -	\$ 4,836.00
7b.	Project Progress Meetings			12				\$ 3,564.00			\$ -	\$ -	\$ 3,564.00
7c.	Project Safety			13		97		\$ 21,903.00			\$ 3,182.00	\$ 3,182.00	\$ 25,085.00
7d.	Monthly site inspection by Project Manager			48		12		\$ 16,488.00			\$ -	\$ -	\$ 16,488.00
TOTAL ANNUAL COST FOR THE OM&M FOR THE VSL												\$ 417,766.61	
2.c.1 (opt)	Once monthly monitoring of LFG wells, data evaluation and well adjustments					146		\$ 27,156.00			\$ -	\$ -	\$ 27,156.00
2.c.3 (opt)	Once monthly upload of LFG well data to data management application					12		\$ 2,232.00			\$ 27,000.00	\$ 27,000.00	\$ 29,232.00
*4.c (opt)	*Annual Source Testing and Reporting <i>Using Total Air Analysis, Inc</i>			16		32		\$ 10,704.00	\$ 12,708.88		\$ 800.00	\$ 13,508.88	\$ 24,212.88

**TABLE F-2
NON-ROUTINE PERSONNEL AND EQUIPMENT UNIT COST RATE SHEET
(COMPLETE ONLY FOR NON-ROUTINE OM&M PROPOSALS)**

ITEM No.	Personnel	Daily Rate	Straight Time Hourly Rate	Overtime Hourly Rate	Holiday Hourly Rate
1	Senior Monitoring and Operations Technician		\$186.00	\$260.40	\$316.20
2	Junior Monitoring and Operations Technician		\$162.00	\$226.80	\$275.40
3	Mechanic (responsible for maintenance and trouble shooting LFG systems)		\$174.00	\$243.60	\$295.80
4	Senior Electrician		\$203.00	\$284.20	\$345.10
5	Junior Electrician		\$186.00	\$260.40	\$316.20
6	Project Foreman (supervisor), Construction Services		\$195.00	\$273.00	\$331.50
7	Project Manager		\$297.00	\$297.00	\$297.00
8	Pipe Fusion Technician		\$209.00	\$292.60	\$355.30
9	Equipment Operator		\$186.00	\$260.40	\$316.20
10	Laborer		\$110.00	\$154.00	\$187.00
11	Landscape Maint. Laborer		\$109.00	\$152.60	\$185.30
12	Lead Technician		\$186.00	\$260.40	\$316.20
13	Technician, Construction Services		\$162.00	\$226.80	\$275.40
14	Principal, Construction Services		\$302.00	\$302.00	\$302.00
15	Mechanic/Welder		\$170.00	\$238.00	\$289.00
16	Manager, Landfill Gas Field Services		\$297.00	\$297.00	\$297.00
17	Principal Engineer		\$337.00	\$337.00	\$337.00
18	Senior Engineer		\$255.00	\$255.00	\$255.00
19	Construction Manager		\$260.00	\$260.00	\$260.00
20	Chief Engineering Tech.		\$128.00	\$179.20	\$217.60
21	Project Coordinator		\$168.00	\$168.00	\$168.00
22	Environmental Spec. I		\$157.00	\$157.00	\$157.00
23	Senior Geologist		\$220.00	\$220.00	\$220.00
24	Senior Project Designer		\$151.00	\$151.00	\$151.00
	Equipment:				
25	Service Truck	\$230.00			
26	Backhoe	\$765.00			
27	Man lift	\$725.00			
28	Excavator	\$1,199.00			
29	Dump Truck	\$760.00			
30	Water Truck	\$760.00			
31	Generator	\$185.00			
32	4x4 Forklift	\$725.00			
33	Pipe Cutter Threader	\$270.00			
34	Fusion Machine 6" or less	\$210.00			
35	Fusion Machine 6" or greater	\$580.00			
36	Boom (Stinger) Truck	\$870.00			

NOTE- NO TRAVEL TIME WILL BE CHARGED TO ANY PROJECT