

August 20, 2018

Ms. Elaine Baker

County of Maui
Department of Environmental Management
2200 Main Street
Wailuku, HI 96793

Subject: County of Maui, Central Maui Landfill – Proposal to Provide Groundwater Monitoring Services at the Central Maui Landfill for Fiscal Years FY2019-FY2021

Dear Ms. Baker,

Thank you for providing CH2M HILL Engineers, Inc. (CH2M) with the opportunity to assist the County of Maui (the County) with groundwater services and environmental compliance activities at the Central Maui Landfill Facility (CMLF). Note that on December 15, 2017, CH2M HILL Companies Ltd. became part of Jacobs Engineering Group, Inc. (Jacobs). CH2M HILL Engineers, Inc., is a wholly owned direct subsidiary of Jacobs Engineering Group, Inc. For clarification purposes, this proposal shall be issued to CH2M HILL Engineers, Inc., and presently remains a separate legal entity and will continue to operate and conduct business accordingly.

This proposal outlines the services that CH2M will perform at the facility to complete detection groundwater monitoring during Fiscal Years 2019, 2020, and 2021, in accordance with the scope of work described in this proposal, which is consistent with the scope conducted at the Facility in the past few years. Detection Groundwater services can be extended for two optional years (fiscal years 2022 and 2023), but the costs for the optional years are not covered under this proposal.

Our proposal is delineated in this letter for your review and includes the project objectives, the scope, a summary description and assumptions used to develop the cost for each task, the tentative schedule, and our estimate of the associated professional service fees. It is assumed that contract terms and conditions will be similar to the current CMLF Groundwater Monitoring contract

Project Objectives and Scope of Work

The County of Maui is conducting periodic groundwater monitoring at CMLF in accordance with applicable regulations and the current operating permit for the landfill (Permit No. LF-0074-13). Services that CH2M has been providing, and will continue to provide for the County in support of their groundwater compliance program include the following:

- Mobilizing the necessary field supplies and equipment to perform the work, including instruments to measure groundwater parameters during sampling, and equipment and supplies used during collection of groundwater samples.

- Coordination with the selected analytical laboratory in advance of each sampling event, including ordering sample containers and coolers, and conducting an inventory of sample containers before proceeding to the field to conduct sampling.
- Shipping equipment, field supplies, and sample coolers from Honolulu to the site via Hawaiian Airlines or Aloha Air Cargo.
- Gauging liquid levels and collecting groundwater samples at upgradient and downgradient monitoring wells.
- Preparing sample coolers for shipment, and shipping samples via FedEx to Calscience Laboratory in Garden Grove, California for analysis.
- Arranging for required field equipment to be shipped to the project site or our Honolulu, Hawaii office, and return shipping of the equipment.
- Preparing a report summarizing the results of the sampling.
- Provide regulatory support, including preparing notification letters on behalf of the County to submit to the State of Hawaii Department of Health (HDOH) Solid and Hazardous Waste Branch (SHWB).
- Prepare technical reports and monitoring plans.

As requested by the County, this proposal is structured with three main tasks (one per fiscal year) for groundwater monitoring and regulatory compliance services, which include separate subtasks for each fiscal year. Hence, independent project support services (such as Project Management and Regulatory Support) and technical services (such as Groundwater Monitoring and Groundwater Monitoring Report), are included for each main task. An additional main task is included to address HDOH SHWB comments on the draft Monitoring and Leachate Monitoring Plan submitted in May 2018 and finalize the report. The proposed scope of services and subtasks necessary to facilitate completion of groundwater monitoring work during each fiscal year are outlined below.

Groundwater Detection Monitoring

For each fiscal year, groundwater detection monitoring will include quarterly sampling, reporting, project management activities, and regulatory support. These subtasks and relative assumptions are described below.

Quarterly Detection Monitoring

Groundwater monitoring activities described herein are based on the current operating permit for the landfill (Permit No. LF-0074-13), which refers to the 2012 Groundwater and Leachate Monitoring Plan (A-Mehr, 2012). An updated monitoring plan was submitted by the County in May 2018 but has not been approved yet by HDOH SHWB. Based on HDOH approval of the updated plan, modifications to the scope described herein may be needed in the future.

Groundwater monitoring will include the following tasks:

- Procuring laboratory services. As requested by the County, Calscience Laboratory in Garden Grove, CA will be procured for consistency with previous years.

- Mobilizing the necessary staff, field supplies and equipment to perform the work, including instruments to measure groundwater parameters during sampling, and equipment and supplies used during collection of groundwater samples.
- Coordinating with Calscience Laboratory in advance of each sampling event, including ordering sample containers and coolers, and conducting an inventory of sample containers before proceeding to the field to conduct sampling.
- Shipping equipment, field supplies, and sample coolers from the CH2M Honolulu office (or external supplier) to the site and back via Aloha Air Cargo.
- Gauging liquid levels and collecting groundwater samples at six monitoring wells currently existing on site.
- Preparing sample coolers for shipment, and shipping samples via FedEx from Kahului Maui to Calscience Laboratory in California.

Groundwater samples will be collected at the existing 6 monitoring wells on a quarterly schedule during each fiscal year. Groundwater samples will be shipped via FEDEX overnight from Kahului Maui to Calscience Laboratory in Garden Grove, CA for analysis.

Samples will be analyzed for the following constituents:

- Total Organic Carbon using method standard method (SM) 5310 D
- Chloride using Environmental Protection Agency (EPA) Method 300.0
- Volatile organic compounds (VOCs) using EPA Method 8260B
- Dissolved metals and major cations using EPA Method 6010B
- Total dissolved solids using method SM 2540C
- Alkalinity using method SM 2320B
- Sulfate using EPA Method 300.0
- Nitrate and nitrite using method SM 4500-NO3 E
- Chemical oxygen demand using EPA Method 410.4
- Ammonia using method SM 4500-NH3 B/C
- Bromide using EPA Method 300.0

During sample collection, field measurements will be taken for the following field indicator parameters:

- Dissolved Oxygen
- Turbidity
- pH
- Temperature
- Specific Conductivity
- Oxidation Reduction Potential
- Salinity

Assumptions for this task include the following:

- Detection Monitoring will be performed four times (September, December, March, and June) during the County fiscal years 2019, 2020, and 2021.
- A maximum of 88 labor hours will be required to complete each sampling event, including mobilization time, coordination with the laboratory, field sampling, equipment and sample shipping, travel time, and demobilization.

- The scope of the monitoring events may change following approval of the updated Groundwater and Leachate Monitoring Plan; however, the level of effort and expenses assumed in this proposal are based on the 2012 Groundwater and Leachate Monitoring Plan (A-Mehr, 2012). Based on the monitoring plan that will be approved by HDOH SHWB, modifications to the contract may be necessary if the monitoring network, analytical plan, or other monitoring plan requirement change in the future.
- A maximum of 88 labor hours will be required to complete each sampling event, including mobilization time, coordination with the laboratory, field sampling, equipment and sample shipping, travel time, and demobilization.
- For each sampling event, one field duplicate, one equipment blank, one source water blank, one matrix spike, and one matrix spike duplicate sample will be collected to evaluate data quality.
- Laboratory costs for the Detection Monitoring parameters have been estimated to be \$4,380 per sampling event based on the lab costs incurred in the last year of monitoring. Although no significant changes are expected if the analytical plan remain the same, laboratory cost changes may occur in the future and could require a modification to the contract.
- Six hours of labor have been included during the September event for each year to update the health and safety plan.
- Eight hours of labor have been included during the September event for each year to subcontract, charter, and coordinate with the analytical laboratory. In order to minimize costs, it is assumed that the analytical laboratory will be subcontracted once to cover four events during each fiscal year.

Groundwater Detection Monitoring Report

After receiving the analytical report from the laboratory, CH2M will have a chemist review and evaluate data quality. Summary tables and a Data Quality Evaluation (DQE) report will be prepared by the chemist to report analytical results and discuss data quality. The DQE will be included as an attachment in the Detection Monitoring Report.

After each sampling events, field forms will be generated, field data will be evaluated, and laboratory results will be compared to site-specific upper prediction limits (UPLs) to evaluate regulatory compliance.

Reports with description of the work completed for two consecutive sampling events, data evaluation, result description, and exceedances of UPLs will be submitted on a semiannual basis. The June and September sampling events will be combined into one semiannual report, and the December and March sampling events will be combined into a second semiannual report. A single draft of the report will be prepared and delivered in electronic format to the County for review within 45 days of the completion of the second quarterly field sampling and analysis event in each semiannual cycle (i.e., September event for the first semiannual report; March for the second semiannual report). Comments generated during the review by the County will be addressed and incorporated into the final document that will be submitted to HDOH SHWB. The final report will be submitted to DOH within 60 days of the last monitoring event covered in the report.

Assumptions for this task include the following:

- A maximum of 90 labor hours will be required to complete each semi-annual technical report. A maximum of 8 hours have been included in this total for a chemist to review the data, and discuss any potential issues with the laboratory. Each report will include data and information for two sampling events. An additional 44 hours will be required to prepare the data for each quarterly event during which no full report is produced. The data developed will be incorporated into the next semi-annual report that covers two sampling events.
- One round of review from the County is assumed. If multiple reviewers are included, all comments will be consolidated into one table or made directly in the executable word file in track change mode.
- Once comments from the County are addressed and the County approves submittal, CH2M will submit the semiannual detection monitoring report to HDOH SHWB on behalf of the County.
- One hard copy and one CD will be delivered to HDOH.

Project Management

Project management and accounting support will be required to implement the project scope. Project management will include time for the CH2M project manager to coordinate with the County during the course of the project, keep schedule current, provide updates, manage project staff, conduct safety and quality control, and conduct project status and accounting related tasks, including preparation of invoices and progress reports.

Regulatory Support

CH2M will provide support for the County during regulatory correspondence. This includes preparing letters to notify the HDOH SHWB of verified detections, and/or to provide periodic updates to HDOH. As necessary, CH2M will attend meetings with the HDOH at the Honolulu SHWB office.

Assumptions for this task include the following:

- One notification letter will be prepared after each groundwater detection monitoring event once laboratory results are received.
- A total of 40 labor hours have been budgeted for HDOH correspondence and meetings during each fiscal year.
- One meeting with HDOH SHWB is assumed per fiscal year. One staff (the project manager) will attend the meeting in person
- All meetings with HDOH will occur at the HDOH SHWB Pearl City office, travel costs to the HDOH office and back are included.

Groundwater and Leachate Monitoring Plan

An updated Groundwater and Leachate Monitoring Plan was submitted by the County to HDOH SHWB in May 2018. The plan included a report in the appendices to update the UPLs in compliance with the US Environmental Protection Agency Unified Guidance (USEPA, 2009). Comments from HDOH SHWB will be received and will need to be addressed before the plan is finalized.

This task includes hours to respond to HDOH comments and finalize the monitoring plan. Assumptions for this task include the following:

- No labor hours are included in this proposal to re-run statistical analyses and re-calculate the UPLs, should the HDOH SHWB require add wells or constituents, or make any other significant change to the UPL statistical evaluation.
- One round of review will be conducted by HDOH SHWB. Comments will be addressed in a Response to Comments (RTC) table that will be submitted to the County for review and approval.
- One round of review will be conducted by the County before the RTC table is submitted to HDOH for approval. If multiple reviewers are involved, all comments and edits from the County will be consolidated into one document. CH2M staff will address comments and edits before submitting the RTC table to the HDOH on behalf of the County.
- Any response that is not acceptable to HDOH will be resolved during a meeting held at the HDOH SHWB office in Pearl City. Up to three CH2M staff (Project Manager, Senior Hydrogeologist, and Statistician) will be participating to this meeting. Only the Project Manager will participate in person.
- Travel costs for the meeting with HDOH are included.

Proposed Fee Estimate:

CH2M estimates the cost for proposed groundwater monitoring and regulatory compliance services to be ~~\$419,237.45~~. The cost breakdown by fiscal year is summarized below (see Attachment 1 for the cost breakdown by task):

~~Fiscal Year 2019 - \$131,237.74~~

~~Fiscal Year 2020 - \$134,010.51~~

~~Fiscal Year 2021 - \$136,885.21~~

~~Groundwater and Leachate Monitoring Plan - \$17,389.99~~

The estimated fee proposal includes the Hawaii general excise tax. The detailed cost breakdown, including labor, subcontractor costs, expenses, and travel costs is included in Attachment 2 together with the staff-specific raw labor rates. Consistent with County requirements a raw labor rate multiplier of 3.0 was applied to estimate labor costs. In building the price, the direct salary rates guidance provided by the County was considered; however, as discussed with the County's Purchasing Department, some of the technical and professional job categories used to deliver project work are not included in the County's direct salary rates guidance. As agreed with the County Purchasing Department, a walk-up table with CH2M job categories/rates and corresponding County's job categories/rates is provided in Attachment 2 to confirm that CH2M rates comply with the County's guidance. An estimated annual 3% labor rate escalation has been applied to future labor costs, but invoiced costs will be based on the actual labor cost at the time of invoicing.

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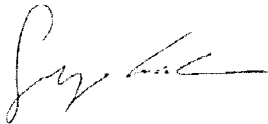
Subcontractor costs, expenses, and travel costs included in the estimated fee proposal are actual costs, and no markup was applied to them. Health and safety costs are estimated at \$1.10 per labor hour for staff potentially doing fieldwork. No markup is applied on health and safety costs.

These estimated costs are based on our understanding of the project, and input provided by the County of Maui Solid Waste Division. We propose to conduct this work on a time and materials basis and under mutually acceptable terms and conditions. No work will be performed beyond the approved SOW or in excess of the cost estimate above without prior authorization by the County.

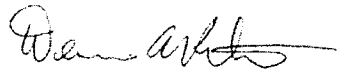
We appreciate the opportunity to assist the County of Maui with this important project. Please feel free to contact Sergio Cocchia at (808) 440-0278 should you have any questions regarding this proposal. We look forward to working with you on this project.

Sincerely,

CH2M HILL Engineers, Inc.



Sergio Cocchia
Project Manager



Dennis Peters
Designated Manager

Attachments:

1. Cost Breakdown by Task
2. Staff-Specific Raw Labor Rates and Detailed Cost Breakdown

Attachment 1
Cost Breakdown by Task

CMLF GWM 2019-2021

Price by Element

Lowest Tasks, Original Budget, without Budget Subtotals, without Period Subtotals, without Estimating Frequency Subtotals



Task	Hours	Labor	Labor Overhead	Labor Subtotal	Expense	Subs	Travel	Subtotal	GET Tax	Task Total
Top Task 19 - FY 2019 GWM										
19.01.FS - Sep 2018 GWM	94.00	3,260.84	6,521.68	9,782.52	2,704.60	4,380.00	2,050.00	18,917.12	786.96	19,704.08
19.01.RP - Sep 2018 GWM Report	90.00	4,262.46	8,524.92	12,787.38	172.60	0.00	0.00	12,959.98	539.14	13,499.12
19.02.FS - Dec 2018 GWM	80.00	2,569.48	5,138.96	7,708.44	2,698.00	4,380.00	2,050.00	16,836.44	700.40	17,536.84
19.02.RP - Dec 2018 GWM Report	44.00	2,135.52	4,271.04	6,406.56	139.60	0.00	0.00	6,546.16	272.32	6,818.48
19.03.FS - Mar 2019 GWM	80.00	2,646.42	5,292.84	7,939.26	2,698.00	4,380.00	2,050.00	17,067.26	710.00	17,777.26
19.03.RP - Mar 2019 GWM Report	90.00	4,390.42	8,780.84	13,171.26	172.60	0.00	0.00	13,343.86	555.10	13,898.96
19.04.FS - Jun 2019 GWM	80.00	2,646.42	5,292.84	7,939.26	2,698.00	4,380.00	2,050.00	17,067.26	710.00	17,777.26
19.04.RP - Jun 2019 GWM Report	44.00	2,199.68	4,399.36	6,599.04	139.60	0.00	0.00	6,738.64	280.33	7,018.97
19.PM - FY2019 PM	62.00	3,435.30	6,870.60	10,305.90	68.20	0.00	0.00	10,374.10	431.55	10,805.65
19.RG - FY2019 Regulatory Support	40.00	2,024.49	4,048.98	6,073.47	44.00	0.00	28.00	6,145.47	255.65	6,401.12
Subtotal for 19	704.00	29,571.03	59,142.06	88,713.09	11,535.20	17,520.00	8,228.00	125,996.29	5,241.45	131,237.74
Top Task 20 - FY 2020 GWM										
20.01.FS - Sep 2019 GWM	94.00	3,358.52	6,717.04	10,075.56	2,704.60	4,380.00	2,050.00	19,210.16	799.15	20,009.31
20.01.RP - Sep 2019 GWM Report	90.00	4,390.42	8,780.84	13,171.26	172.60	0.00	0.00	13,343.86	555.10	13,898.96
20.02.FS - Dec 2019 GWM	80.00	2,646.42	5,292.84	7,939.26	2,698.00	4,380.00	2,050.00	17,067.26	710.00	17,777.26
20.02.RP - Dec 2019 GWM Report	44.00	2,199.68	4,399.36	6,599.04	139.60	0.00	0.00	6,738.64	280.33	7,018.97
20.03.FS - Mar 2020 GWM	80.00	2,725.96	5,451.92	8,177.88	2,698.00	4,380.00	2,050.00	17,305.88	719.93	18,025.81
20.03.RP - Mar 2020 GWM Report	90.00	4,522.14	9,044.28	13,566.42	172.60	0.00	0.00	13,739.02	571.54	14,310.56
20.04.FS - Jun 2020 GWM	80.00	2,725.96	5,451.92	8,177.88	2,698.00	4,380.00	2,050.00	17,305.88	719.93	18,025.81
20.04.RP - Jun 2020 GWM Report	44.00	2,265.68	4,531.36	6,797.04	139.60	0.00	0.00	6,936.64	288.57	7,225.21
20.PM - FY2020 Proj Management	62.00	3,538.34	7,076.68	10,615.02	68.20	0.00	0.00	10,683.22	444.42	11,127.64
20.RG - FY2020 Regulatory Support	40.00	2,085.25	4,170.50	6,255.75	44.00	0.00	28.00	6,327.75	263.23	6,590.98
Subtotal for 20	704.00	30,458.37	60,916.74	91,375.11	11,535.20	17,520.00	8,228.00	128,658.31	5,352.20	134,010.51
Top Task 21 - FY 2021 GWM										
21.01.FS - Sep 2020 GWM	94.00	3,459.40	6,918.80	10,378.20	2,704.60	4,380.00	2,050.00	19,512.80	811.74	20,324.54
21.01.RP - Sep 2020 GWM Report	90.00	4,522.14	9,044.28	13,566.42	172.60	0.00	0.00	13,739.02	571.54	14,310.56
21.02.FS - Dec 2020 GWM	80.00	2,725.96	5,451.92	8,177.88	2,698.00	4,380.00	2,050.00	17,305.88	719.93	18,025.81
21.02.RP - Dec 2020 GWM Report	44.00	2,265.68	4,531.36	6,797.04	139.60	0.00	0.00	6,936.64	288.57	7,225.21

CMLF GWM 2019-2021

Price by Element

Lowest Tasks, Original Budget, without Budget Subtotals, without Period Subtotals, without Estimating Frequency Subtotals



Task	Hours	Labor	Labor Overhead	Labor Subtotal	Expense	Subs	Travel	Subtotal	GET Tax	Task Total
21.03.FS - Mar 2021 GWM	80.00	2,807.54	5,615.08	8,422.62	2,698.00	4,380.00	2,050.00	17,550.62	730.11	18,280.73
21.03.RP - Mar 2021 GWM Report	90.00	4,657.48	9,314.96	13,972.44	172.60	0.00	0.00	14,145.04	588.43	14,733.47
21.04.FS - Jun 2021 GWM	80.00	2,807.54	5,615.08	8,422.62	2,698.00	4,380.00	2,050.00	17,550.62	730.11	18,280.73
21.04.RP - Jun 2021 GWM Report	44.00	2,333.40	4,666.80	7,000.20	139.60	0.00	0.00	7,139.80	297.02	7,436.82
21.PM - FY2021 Proj Management	62.00	3,644.20	7,288.40	10,932.60	68.20	0.00	0.00	11,000.80	457.62	11,458.42
21.RG - FY2021 Regulatory Support	40.00	2,147.66	4,295.32	6,442.98	44.00	0.00	50.00	6,536.98	271.94	6,808.92
Subtotal for 21	704.00	31,371.00	62,742.00	94,113.00	11,535.20	17,520.00	8,250.00	131,418.20	5,467.01	136,885.21
Top Task GP - Groundwater and Leachate Monitoring Plan										
GP.01 - GWMP Update	96.00	5,464.22	10,928.44	16,392.66	252.80	0.00	50.00	16,695.46	694.53	17,389.99
Subtotal for GP	96.00	5,464.22	10,928.44	16,392.66	252.80	0.00	50.00	16,695.46	694.53	17,389.99
Grand Total	2,208.00	96,864.62	193,729.24	290,593.86	34,858.40	52,560.00	24,756.00	402,768.26	16,755.19	419,523.45

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Attachment 2
Staff-Specific Raw Labor Rates
Detailed Cost Breakdown

Staff-Specific Raw Labor Rates

Staff*	Years of Experience	Jacobs					City and County of Honolulu/ Maui County			
		Professional Job Category	Applied Raw Rate**				Equivalent Job Category	DAGS Raw Rate***		
			2018	2019	2020	2021		7/1/18-6/30/19	7/1/19-6/30/20	7/1/20-6/30/21
Alan Bradford	35	Geologist VIII	76.24	78.53	80.89	83.32	Engineer VIII	79.66	82.05	84.51
Terry DeBiase	29	Engineer VIII	77.25	79.57	81.96	84.42	Engineer VIII	79.66	82.05	84.51
John Culley	22	Industrial Hygenist	69	71.07	73.21	75.41	Engineer VII	72.97	75.16	77.41
Sergio Cocchia	20	Engineer/Geologist VI	53.87	55.49	57.15	58.87	Engineer VI	58.40	60.15	61.96
Bernice Kidd	26	Chemist	51	52.53	54.11	55.74	Engineer VI	58.40	60.15	61.96
Christin Shacat	11	Geologist IV	43.28	44.58	45.92	47.30	Engineer IV	47.17	48.59	50.04
Leslie O'Connor	15	Technical Publication Manager	39.77	40.96	42.20	43.46	Engineer IV	47.17	48.59	50.04
Tim Ashton	7	Geologist III	35.1	36.15	37.24	38.36	Engineer III	40.7	41.92	43.18
Robert Graham	15	Subcontract Manager	34.67	35.71	36.78	37.89	Engineer IV	40.7	41.92	43.18
Amelia Rowland	1	CAD Operator 1	23.98	24.70	25.44	26.21	CAD Operator 1	25.11	25.86	26.64
Samantha Burns	4	Geologist I	17.46	17.98	18.52	19.08	Engineer I	32.2	33.17	34.16

* Proposed staff is tentative and may change. Rates of other staff that may be used who is not included in this table will comply with County's rates.

** CH2M now Jacobs Rates are actual raw rates for the individual staff. Because of that, different rates could apply for the same job category. The project price is calculated applying a 3.0 raw labor multiplier.

*** Rates for County's fiscal years 2020 and 2021 are not available and have been estimated applying an escalation rate of 3%.

CMLF GWM 2019-2021

Total Price Detail



Lowest Tasks, Original Budget, without Budget Subtotals, without
Period Subtotals, without Estimating Frequency Subtotals

Description	Per Diem Code	Unit	Quantity	Rate	Price
Top Task 19 -					
Task 19.01.FS - Sep 2018 GWM					
GEO II	19	HOURS	30	17.46	523.80
GEO IV	7	HOURS	30	35.10	1,053.00
GEO V	6	HOURS	8	43.28	346.24
GEO V	6	HOURS	12	53.87	646.44
HYG VII	4	HOURS	6	69.00	414.00
KA	7	HOURS	8	34.67	277.36
		Subtotal for Labor	94		3,260.84
Total Affiliate Overhead					6,521.68
		Subtotal for Overhead			6,521.68
		Subtotal for Labor	94		9,782.52
		Subtotal for Labor and Overhead			9,782.52
Equipment Consumables		COST	125	1.00	125.00
Fleet Vehicle		COST	35	1.00	35.00
GWM Field Sampling Equipment		COST	1,450	1.00	1,450.00
Health & Safety		HOURS	86	1.10	94.60
Shipping		COST	1,000	1.00	1,000.00
		Subtotal for Other Direct Expenses			2,704.60
Analytical Laboratory		COST	4,380	1.00	4,380.00
		Subtotal for Subcontract			4,380.00
airfare		TRIPS	550	1.00	550.00
auto rental		TRIPS	300	1.00	300.00
hotel		TRIPS	900	1.00	900.00
meals		TRIPS	300	1.00	300.00
		Subtotal for Travel			2,050.00
		Subtotal for Costs			18,917.12
Hawaii GET					786.96
		Subtotal for Bottom Line Markups			786.96
		Subtotal for 19.01.FS - Sep 2018 GWM			19,704.08
Task 19.01.RP - Sep 2018 GWM Report					
CAD 1	9	HOURS	8	23.98	191.84
CHEM VI	5	HOURS	8	51.00	408.00
GEO IV	7	HOURS	12	35.10	421.20
GEO V	6	HOURS	24	43.28	1,038.72
GEO V	6	HOURS	18	53.87	969.66

CMLF GWM 2019-2021



Total Price Detail

Lowest Tasks, Original Budget, without Budget Subtotals, without
Period Subtotals, without Estimating Frequency Subtotals

Description	Per Diem Code	Unit	Quantity	Rate	Price
GEO VII	4	HOURS	12	76.24	914.88
TE	7	HOURS	8	39.77	318.16
		Subtotal for Labor	90		4,262.46
Total Affiliate Overhead					8,524.92
		Subtotal for Overhead			8,524.92
		Subtotal for Labor	90		12,787.38
		Subtotal for Labor and Overhead			12,787.38
Health & Safety		HOURS	66	1.10	72.60
Reprographics, Shipping & Misc		COST	100	1.00	100.00
		Subtotal for Other Direct Expenses			172.60
		Subtotal for Costs			12,959.98
Hawaii GET					539.14
		Subtotal for Bottom Line Markups			539.14
		Subtotal for 19.01.RP - Sep 2018 GWM Report			13,499.12
Task 19.02.FS - Dec 2018 GWM					
GEO II	19	HOURS	30	17.46	523.80
GEO IV	7	HOURS	30	35.10	1,053.00
GEO V	6	HOURS	8	43.28	346.24
GEO V	6	HOURS	12	53.87	646.44
		Subtotal for Labor	80		2,569.48
Total Affiliate Overhead					5,138.96
		Subtotal for Overhead			5,138.96
		Subtotal for Labor	80		7,708.44
		Subtotal for Labor and Overhead			7,708.44
Equipment Consumables		COST	125	1.00	125.00
Fleet Vehicle		COST	35	1.00	35.00
GWM Field Sampling Equipment		COST	1,450	1.00	1,450.00
Health & Safety		HOURS	80	1.10	88.00
Shipping		COST	1,000	1.00	1,000.00
		Subtotal for Other Direct Expenses			2,698.00
Analytical Laboratory		COST	4,380	1.00	4,380.00
		Subtotal for Subcontract			4,380.00
airfare		TRIPS	550	1.00	550.00
auto rental		TRIPS	300	1.00	300.00
hotel		TRIPS	900	1.00	900.00

CMLF GWM 2019-2021

Total Price Detail



Lowest Tasks, Original Budget, without Budget Subtotals, without
Period Subtotals, without Estimating Frequency Subtotals

Description	Per Diem Code	Unit	Quantity	Rate	Price
meals		TRIPS	300	1.00	300.00
		Subtotal for Travel			2,050.00
		Subtotal for Costs			16,836.44
Hawaii GET					700.40
		Subtotal for Bottom Line Markups			700.40
		Subtotal for 19.02.FS - Dec 2018 GWM			17,536.84
Task 19.02.RP - Dec 2018 GWM Report					
CHEM VI	5	HOURS	8	51.00	408.00
GEO V	6	HOURS	20	43.28	865.60
GEO V	6	HOURS	16	53.87	861.92
		Subtotal for Labor	44		2,135.52
Total Affiliate Overhead					4,271.04
		Subtotal for Overhead			4,271.04
		Subtotal for Labor	44		6,406.56
		Subtotal for Labor and Overhead			6,406.56
Health & Safety		HOURS	36	1.10	39.60
Reprographics, Shipping & Misc		COST	100	1.00	100.00
		Subtotal for Other Direct Expenses			139.60
		Subtotal for Costs			6,546.16
Hawaii GET					272.32
		Subtotal for Bottom Line Markups			272.32
		Subtotal for 19.02.RP - Dec 2018 GWM Report			6,818.48
Task 19.03.FS - Mar 2019 GWM					
GEO II	19	HOURS	30	17.98	539.40
GEO IV	7	HOURS	30	36.15	1,084.50
GEO V	6	HOURS	8	44.58	356.64
GEO V	6	HOURS	12	55.49	665.88
		Subtotal for Labor	80		2,646.42
Total Affiliate Overhead					5,292.84
		Subtotal for Overhead			5,292.84
		Subtotal for Labor	80		7,939.26
		Subtotal for Labor and Overhead			7,939.26
Equipment Consumables		COST	125	1.00	125.00
Fleet Vehicle		COST	35	1.00	35.00
GWM Field Sampling Equipment		COST	1,450	1.00	1,450.00

CMLF GWM 2019-2021

Total Price Detail



Lowest Tasks, Original Budget, without Budget Subtotals, without
Period Subtotals, without Estimating Frequency Subtotals

Description	Per Diem Code	Unit	Quantity	Rate	Price
Health & Safety		HOURS	80	1.10	88.00
Shipping		COST	1,000	1.00	1,000.00
Subtotal for Other Direct Expenses					2,698.00
Analytical Laboratory		COST	4,380	1.00	4,380.00
Subtotal for Subcontract					4,380.00
airfare		TRIPS	550	1.00	550.00
auto rental		TRIPS	300	1.00	300.00
hotel		TRIPS	900	1.00	900.00
meals		TRIPS	300	1.00	300.00
Subtotal for Travel					2,050.00
Subtotal for Costs					17,067.26
Hawaii GET					710.00
Subtotal for Bottom Line Markups					710.00
Subtotal for 19.03.FS - Mar 2019 GWM					17,777.26
Task 19.03.RP - Mar 2019 GWM Report					
CAD 1	9	HOURS	8	24.70	197.60
CHEM VI	5	HOURS	8	52.53	420.24
GEO IV	7	HOURS	12	36.15	433.80
GEO V	6	HOURS	24	44.58	1,069.92
GEO V	6	HOURS	18	55.49	998.82
GEO VII	4	HOURS	12	78.53	942.36
TE	7	HOURS	8	40.96	327.68
Subtotal for Labor					4,390.42
Total Affiliate Overhead					8,780.84
Subtotal for Overhead					8,780.84
Subtotal for Labor					90
Subtotal for Labor and Overhead					13,171.26
Health & Safety		HOURS	66	1.10	72.60
Reprographics, Shipping & Misc		COST	100	1.00	100.00
Subtotal for Other Direct Expenses					172.60
Subtotal for Costs					13,343.86
Hawaii GET					555.10
Subtotal for Bottom Line Markups					555.10
Subtotal for 19.03.RP - Mar 2019 GWM Report					13,898.96

Task 19.04.FS - Jun 2019 GWM

CMLF GWM 2019-2021

Total Price Detail



Lowest Tasks, Original Budget, without Budget Subtotals, without
Period Subtotals, without Estimating Frequency Subtotals

Description	Per Diem Code	Unit	Quantity	Rate	Price
GEO II	19	HOURS	30	17.98	539.40
GEO IV	7	HOURS	30	36.15	1,084.50
GEO V	6	HOURS	8	44.58	356.64
GEO V	6	HOURS	12	55.49	665.88
Subtotal for Labor			80		2,646.42
Total Affiliate Overhead					5,292.84
Subtotal for Overhead					5,292.84
Subtotal for Labor				80	7,939.26
Subtotal for Labor and Overhead					7,939.26
Equipment Consumables		COST	125	1.00	125.00
Fleet Vehicle		COST	35	1.00	35.00
GWM Field Sampling Equipment		COST	1,450	1.00	1,450.00
Health & Safety		HOURS	80	1.10	88.00
Shipping		COST	1,000	1.00	1,000.00
Subtotal for Other Direct Expenses					2,698.00
Analytical Laboratory		COST	4,380	1.00	4,380.00
Subtotal for Subcontract					4,380.00
airfare		TRIPS	550	1.00	550.00
auto rental		TRIPS	300	1.00	300.00
hotel		TRIPS	900	1.00	900.00
meals		TRIPS	300	1.00	300.00
Subtotal for Travel					2,050.00
Subtotal for Costs					17,067.26
Hawaii GET					710.00
Subtotal for Bottom Line Markups					710.00
Subtotal for 19.04.FS - Jun 2019 GWM					17,777.26
Task 19.04.RP - Jun 2019 GWM Report					
CHEM VI	5	HOURS	8	52.53	420.24
GEO V	6	HOURS	20	44.58	891.60
GEO V	6	HOURS	16	55.49	887.84
Subtotal for Labor			44		2,199.68
Total Affiliate Overhead					4,399.36
Subtotal for Overhead					4,399.36
Subtotal for Labor				44	6,599.04
Subtotal for Labor and Overhead					6,599.04

CMLF GWM 2019-2021

Total Price Detail



Lowest Tasks, Original Budget, without Budget Subtotals, without
Period Subtotals, without Estimating Frequency Subtotals

Description	Per Diem Code	Unit	Quantity	Rate	Price
Health & Safety		HOURS	36	1.10	39.60
Reprographics, Shipping & Misc		COST	100	1.00	100.00
Subtotal for Other Direct Expenses					139.60
Subtotal for Costs					6,738.64
Hawaii GET					280.33
Subtotal for Bottom Line Markups					280.33
Subtotal for 19.04.RP - Jun 2019 GWM Report					7,018.97
Task 19.PM - FY2019 PM					
EN VI	3	HOURS	2	77.25	154.50
GEO V	6	HOURS	30	53.87	1,616.10
GEO V	6	HOURS	30	55.49	1,664.70
Subtotal for Labor					3,435.30
Total Affiliate Overhead					6,870.60
Subtotal for Overhead					6,870.60
Subtotal for Labor					62
Subtotal for Labor and Overhead					10,305.90
Health & Safety		HOURS	62	1.10	68.20
Subtotal for Other Direct Expenses					68.20
Subtotal for Costs					10,374.10
Hawaii GET					431.55
Subtotal for Bottom Line Markups					431.55
Subtotal for 19.PM - FY2019 PM					10,805.65
Task 19.RG - FY2019 Regulatory Support					
GEO V	6	HOURS	8	43.28	346.24
GEO V	6	HOURS	7	44.58	312.06
GEO V	6	HOURS	13	53.87	700.31
GEO V	6	HOURS	12	55.49	665.88
Subtotal for Labor					2,024.49
Total Affiliate Overhead					4,048.98
Subtotal for Overhead					4,048.98
Subtotal for Labor					40
Subtotal for Labor and Overhead					6,073.47
Health & Safety		HOURS	40	1.10	44.00
Subtotal for Other Direct Expenses					44.00

CMLF GWM 2019-2021



Total Price Detail

Lowest Tasks, Original Budget, without Budget Subtotals, without
Period Subtotals, without Estimating Frequency Subtotals

Description	Per Diem Code	Unit	Quantity	Rate	Price
Personal Auto Distance Driven		TRIPS	50	0.56	28.00
		Subtotal for Travel			28.00
		Subtotal for Costs			6,145.47
Hawaii GET					255.65
		Subtotal for Bottom Line Markups			255.65
		Subtotal for 19.RG - FY2019 Regulatory Support			6,401.12
		Subtotal for 19			131,237.74
Top Task 20 -					
Task 20.01.FS - Sep 2019 GWM					
GEO II	19	HOURS	30	17.98	539.40
GEO IV	7	HOURS	30	36.15	1,084.50
GEO V	6	HOURS	8	44.58	356.64
GEO V	6	HOURS	12	55.49	665.88
HYG VII	4	HOURS	6	71.07	426.42
KA	7	HOURS	8	35.71	285.68
		Subtotal for Labor	94		3,358.52
Total Affiliate Overhead					6,717.04
		Subtotal for Overhead			6,717.04
		Subtotal for Labor	94		10,075.56
		Subtotal for Labor and Overhead			10,075.56
Equipment Consumables		COST	125	1.00	125.00
Fleet Vehicle		COST	35	1.00	35.00
GWM Field Sampling Equipment		COST	1,450	1.00	1,450.00
Health & Safety		HOURS	86	1.10	94.60
Shipping		COST	1,000	1.00	1,000.00
		Subtotal for Other Direct Expenses			2,704.60
Analytical Laboratory		COST	4,380	1.00	4,380.00
		Subtotal for Subcontract			4,380.00
airfare		TRIPS	550	1.00	550.00
auto rental		TRIPS	300	1.00	300.00
hotel		TRIPS	900	1.00	900.00
meals		TRIPS	300	1.00	300.00
		Subtotal for Travel			2,050.00
		Subtotal for Costs			19,210.16
Hawaii GET					799.15
		Subtotal for Bottom Line Markups			799.15

CMLF GWM 2019-2021

Total Price Detail



Lowest Tasks, Original Budget, without Budget Subtotals, without
Period Subtotals, without Estimating Frequency Subtotals

Description	Per Diem Code	Unit	Quantity	Rate	Price
Subtotal for 20.01.FS - Sep 2019 GWM					20,009.31
Task 20.01.RP - Sep 2019 GWM Report					
CAD 1	9	HOURS	8	24.70	197.60
CHEM VI	5	HOURS	8	52.53	420.24
GEO IV	7	HOURS	12	36.15	433.80
GEO V	6	HOURS	24	44.58	1,069.92
GEO V	6	HOURS	18	55.49	998.82
GEO VII	4	HOURS	12	78.53	942.36
TE	7	HOURS	8	40.96	327.68
			Subtotal for Labor	90	4,390.42
Total Affiliate Overhead					8,780.84
			Subtotal for Overhead		8,780.84
			Subtotal for Labor	90	13,171.26
			Subtotal for Labor and Overhead		13,171.26
Health & Safety		HOURS	66	1.10	72.60
Reprographics, Shipping & Misc		COST	100	1.00	100.00
			Subtotal for Other Direct Expenses		172.60
			Subtotal for Costs		13,343.86
Hawaii GET					555.10
			Subtotal for Bottom Line Markups		555.10
			Subtotal for 20.01.RP - Sep 2019 GWM Report		13,898.96
Task 20.02.FS - Dec 2019 GWM					
GEO II	19	HOURS	30	17.98	539.40
GEO IV	7	HOURS	30	36.15	1,084.50
GEO V	6	HOURS	8	44.58	356.64
GEO V	6	HOURS	12	55.49	665.88
			Subtotal for Labor	80	2,646.42
Total Affiliate Overhead					5,292.84
			Subtotal for Overhead		5,292.84
			Subtotal for Labor	80	7,939.26
			Subtotal for Labor and Overhead		7,939.26
Equipment Consumables		COST	125	1.00	125.00
Fleet Vehicle		COST	35	1.00	35.00
GWM Field Sampling Equipment		COST	1,450	1.00	1,450.00
Health & Safety		HOURS	80	1.10	88.00
Shipping		COST	1,000	1.00	1,000.00

CMLF GWM 2019-2021

Total Price Detail



Lowest Tasks, Original Budget, without Budget Subtotals, without
Period Subtotals, without Estimating Frequency Subtotals

Description	Per Diem Code	Unit	Quantity	Rate	Price
Subtotal for Other Direct Expenses					2,698.00
Analytical Laboratory		COST	4,380	1.00	4,380.00
Subtotal for Subcontract					4,380.00
airfare		TRIPS	550	1.00	550.00
auto rental		TRIPS	300	1.00	300.00
hotel		TRIPS	900	1.00	900.00
meals		TRIPS	300	1.00	300.00
Subtotal for Travel					2,050.00
Subtotal for Costs					17,067.26
Hawaii GET					710.00
Subtotal for Bottom Line Markups					710.00
Subtotal for 20.02.FS - Dec 2019 GWM					17,777.26
Task 20.02.RP - Dec 2019 GWM Report					
CHEM VI	5	HOURS	8	52.53	420.24
GEO V	6	HOURS	20	44.58	891.60
GEO V	6	HOURS	16	55.49	887.84
Subtotal for Labor					44
Subtotal for Labor					2,199.68
Total Affiliate Overhead					4,399.36
Subtotal for Overhead					4,399.36
Subtotal for Labor					44
Subtotal for Labor and Overhead					6,599.04
Subtotal for Labor and Overhead					6,599.04
Health & Safety		HOURS	36	1.10	39.60
Reprographics, Shipping & Misc		COST	100	1.00	100.00
Subtotal for Other Direct Expenses					139.60
Subtotal for Costs					6,738.64
Hawaii GET					280.33
Subtotal for Bottom Line Markups					280.33
Subtotal for 20.02.RP - Dec 2019 GWM Report					7,018.97
Task 20.03.FS - Mar 2020 GWM					
GEO II	19	HOURS	30	18.52	555.60
GEO IV	7	HOURS	30	37.24	1,117.20
GEO V	6	HOURS	8	45.92	367.36
GEO V	6	HOURS	12	57.15	685.80
Subtotal for Labor					80
Subtotal for Labor					2,725.96

CMLF GWM 2019-2021



Total Price Detail

Lowest Tasks, Original Budget, without Budget Subtotals, without
Period Subtotals, without Estimating Frequency Subtotals

Description	Per Diem Code	Unit	Quantity	Rate	Price
Total Affiliate Overhead					5,451.92
	Subtotal for Overhead				5,451.92
			80		8,177.88
	Subtotal for Labor and Overhead				8,177.88
Equipment Consumables		COST	125	1.00	125.00
Fleet Vehicle		COST	35	1.00	35.00
GWM Field Sampling Equipment		COST	1,450	1.00	1,450.00
Health & Safety		HOURS	80	1.10	88.00
Shipping		COST	1,000	1.00	1,000.00
	Subtotal for Other Direct Expenses				2,698.00
Analytical Laboratory		COST	4,380	1.00	4,380.00
	Subtotal for Subcontract				4,380.00
airfare		TRIPS	550	1.00	550.00
auto rental		TRIPS	300	1.00	300.00
hotel		TRIPS	900	1.00	900.00
meals		TRIPS	300	1.00	300.00
	Subtotal for Travel				2,050.00
	Subtotal for Costs				17,305.88
Hawaii GET					719.93
	Subtotal for Bottom Line Markups				719.93
	Subtotal for 20.03.FS - Mar 2020 GWM				18,025.81
Task 20.03.RP - Mar 2020 GWM Report					
CAD 1	9	HOURS	8	25.44	203.52
CHEM VI	5	HOURS	8	54.11	432.88
GEO IV	7	HOURS	12	37.24	446.88
GEO V	6	HOURS	24	45.92	1,102.08
GEO V	6	HOURS	18	57.15	1,028.70
GEO VII	4	HOURS	12	80.88	970.56
TE	7	HOURS	8	42.19	337.52
	Subtotal for Labor				4,522.14
Total Affiliate Overhead					9,044.28
	Subtotal for Overhead				9,044.28
			90		13,566.42
	Subtotal for Labor and Overhead				13,566.42
Health & Safety		HOURS	66	1.10	72.60
Reprographics, Shipping & Misc		COST	100	1.00	100.00

CMLF GWM 2019-2021

Total Price Detail



Lowest Tasks, Original Budget, without Budget Subtotals, without
Period Subtotals, without Estimating Frequency Subtotals

Description	Per Diem Code	Unit	Quantity	Rate	Price
Subtotal for Other Direct Expenses					172.60
Subtotal for Costs					13,739.02
Hawaii GET					571.54
Subtotal for Bottom Line Markups					571.54
Subtotal for 20.03.RP - Mar 2020 GWM Report					14,310.56
Task 20.04.FS - Jun 2020 GWM					
GEO II	19	HOURS	30	18.52	555.60
GEO IV	7	HOURS	30	37.24	1,117.20
GEO V	6	HOURS	8	45.92	367.36
GEO V	6	HOURS	12	57.15	685.80
			Subtotal for Labor	80	2,725.96
Total Affiliate Overhead					5,451.92
Subtotal for Overhead					5,451.92
			Subtotal for Labor	80	8,177.88
Subtotal for Labor and Overhead					8,177.88
Equipment Consumables		COST	125	1.00	125.00
Fleet Vehicle		COST	35	1.00	35.00
GWM Field Sampling Equipment		COST	1,450	1.00	1,450.00
Health & Safety		HOURS	80	1.10	88.00
Shipping		COST	1,000	1.00	1,000.00
Subtotal for Other Direct Expenses					2,698.00
Analytical Laboratory		COST	4,380	1.00	4,380.00
Subtotal for Subcontract					4,380.00
airfare		TRIPS	550	1.00	550.00
auto rental		TRIPS	300	1.00	300.00
hotel		TRIPS	900	1.00	900.00
meals		TRIPS	300	1.00	300.00
			Subtotal for Travel	2,050.00	2,050.00
Subtotal for Costs					17,305.88
Hawaii GET					719.93
Subtotal for Bottom Line Markups					719.93
Subtotal for 20.04.FS - Jun 2020 GWM					18,025.81
Task 20.04.RP - Jun 2020 GWM Report					
CHEM VI	5	HOURS	8	54.11	432.88
GEO V	6	HOURS	20	45.92	918.40

CMLF GWM 2019-2021

Total Price Detail



Lowest Tasks, Original Budget, without Budget Subtotals, without
Period Subtotals, without Estimating Frequency Subtotals

Description	Per Diem Code	Unit	Quantity	Rate	Price
GEO V	6	HOURS	16	57.15	914.40
		Subtotal for Labor	44		2,265.68
Total Affiliate Overhead					4,531.36
		Subtotal for Overhead			4,531.36
		Subtotal for Labor	44		6,797.04
		Subtotal for Labor and Overhead			6,797.04
Health & Safety		HOURS	36	1.10	39.60
Reprographics, Shipping & Misc		COST	100	1.00	100.00
		Subtotal for Other Direct Expenses			139.60
		Subtotal for Costs			6,936.64
Hawaii GET					288.57
		Subtotal for Bottom Line Markups			288.57
		Subtotal for 20.04.RP - Jun 2020 GWM Report			7,225.21
Task 20.PM - FY2020 Proj Management					
EN VI	3	HOURS	2	79.57	159.14
GEO V	6	HOURS	30	55.49	1,664.70
GEO V	6	HOURS	30	57.15	1,714.50
		Subtotal for Labor	62		3,538.34
Total Affiliate Overhead					7,076.68
		Subtotal for Overhead			7,076.68
		Subtotal for Labor	62		10,615.02
		Subtotal for Labor and Overhead			10,615.02
Health & Safety		HOURS	62	1.10	68.20
		Subtotal for Other Direct Expenses			68.20
		Subtotal for Costs			10,683.22
Hawaii GET					444.42
		Subtotal for Bottom Line Markups			444.42
		Subtotal for 20.PM - FY2020 Proj Management			11,127.64
Task 20.RG - FY2020 Regulatory Support					
GEO V	6	HOURS	8	44.58	356.64
GEO V	6	HOURS	7	45.92	321.44
GEO V	6	HOURS	13	55.49	721.37
GEO V	6	HOURS	12	57.15	685.80
		Subtotal for Labor	40		2,085.25

CMLF GWM 2019-2021

Total Price Detail



Lowest Tasks, Original Budget, without Budget Subtotals, without
Period Subtotals, without Estimating Frequency Subtotals

Description	Per Diem Code	Unit	Quantity	Rate	Price
Total Affiliate Overhead					4,170.50
	Subtotal for Overhead				4,170.50
			40		6,255.75
	Subtotal for Labor and Overhead				6,255.75
Health & Safety		HOURS	40	1.10	44.00
	Subtotal for Other Direct Expenses				44.00
Personal Auto Distance Driven		TRIPS	50	0.56	28.00
	Subtotal for Travel				28.00
	Subtotal for Costs				6,327.75
Hawaii GET					263.23
	Subtotal for Bottom Line Markups				263.23
	Subtotal for 20.RG - FY2020 Regulatory Support				6,590.98
	Subtotal for 20				134,010.51
Top Task 21 -					
Task 21.01.FS - Sep 2020 GWM					
GEO II	19	HOURS	30	18.52	555.60
GEO IV	7	HOURS	30	37.24	1,117.20
GEO V	6	HOURS	8	45.92	367.36
GEO V	6	HOURS	12	57.15	685.80
HYG VII	4	HOURS	6	73.20	439.20
KA	7	HOURS	8	36.78	294.24
	Subtotal for Labor				3,459.40
Total Affiliate Overhead					6,918.80
	Subtotal for Overhead				6,918.80
			94		10,378.20
	Subtotal for Labor and Overhead				10,378.20
Equipment Consumables		COST	125	1.00	125.00
Fleet Vehicle		COST	35	1.00	35.00
GWM Field Sampling Equipment		COST	1,450	1.00	1,450.00
Health & Safety		HOURS	86	1.10	94.60
Shipping		COST	1,000	1.00	1,000.00
	Subtotal for Other Direct Expenses				2,704.60
Analytical Laboratory		COST	4,380	1.00	4,380.00
	Subtotal for Subcontract				4,380.00
airfare		TRIPS	550	1.00	550.00

CMLF GWM 2019-2021

Total Price Detail



Lowest Tasks, Original Budget, without Budget Subtotals, without
Period Subtotals, without Estimating Frequency Subtotals

Description	Per Diem Code	Unit	Quantity	Rate	Price
auto rental		TRIPS	300	1.00	300.00
hotel		TRIPS	900	1.00	900.00
meals		TRIPS	300	1.00	300.00
		Subtotal for Travel			2,050.00
		Subtotal for Costs			19,512.80
Hawaii GET					811.74
		Subtotal for Bottom Line Markups			811.74
		Subtotal for 21.01.FS - Sep 2020 GWM			20,324.54
Task 21.01.RP - Sep 2020 GWM Report					
CAD 1	9	HOURS	8	25.44	203.52
CHEM VI	5	HOURS	8	54.11	432.88
GEO IV	7	HOURS	12	37.24	446.88
GEO V	6	HOURS	24	45.92	1,102.08
GEO V	6	HOURS	18	57.15	1,028.70
GEO VII	4	HOURS	12	80.88	970.56
TE	7	HOURS	8	42.19	337.52
		Subtotal for Labor	90		4,522.14
Total Affiliate Overhead					9,044.28
		Subtotal for Overhead			9,044.28
		Subtotal for Labor	90		13,566.42
		Subtotal for Labor and Overhead			13,566.42
Health & Safety		HOURS	66	1.10	72.60
Reprographics, Shipping & Misc		COST	100	1.00	100.00
		Subtotal for Other Direct Expenses			172.60
		Subtotal for Costs			13,739.02
Hawaii GET					571.54
		Subtotal for Bottom Line Markups			571.54
		Subtotal for 21.01.RP - Sep 2020 GWM Report			14,310.56
Task 21.02.FS - Dec 2020 GWM					
GEO II	19	HOURS	30	18.52	555.60
GEO IV	7	HOURS	30	37.24	1,117.20
GEO V	6	HOURS	8	45.92	367.36
GEO V	6	HOURS	12	57.15	685.80
		Subtotal for Labor	80		2,725.96
Total Affiliate Overhead					5,451.92
		Subtotal for Overhead			5,451.92

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Total Price Detail

Lowest Tasks, Original Budget, without Budget Subtotals, without
Period Subtotals, without Estimating Frequency Subtotals

Description	Per Diem Code	Unit	Quantity	Rate	Price
			Subtotal for Labor	80	8,177.88
			Subtotal for Labor and Overhead		8,177.88
Equipment Consumables		COST	125	1.00	125.00
Fleet Vehicle		COST	35	1.00	35.00
GWM Field Sampling Equipment		COST	1,450	1.00	1,450.00
Health & Safety		HOURS	80	1.10	88.00
Shipping		COST	1,000	1.00	1,000.00
			Subtotal for Other Direct Expenses		2,698.00
Analytical Laboratory		COST	4,380	1.00	4,380.00
			Subtotal for Subcontract		4,380.00
airfare		TRIPS	550	1.00	550.00
auto rental		TRIPS	300	1.00	300.00
hotel		TRIPS	900	1.00	900.00
meals		TRIPS	300	1.00	300.00
			Subtotal for Travel		2,050.00
			Subtotal for Costs		17,305.88
Hawaii GET					719.93
			Subtotal for Bottom Line Markups		719.93
			Subtotal for 21.02.FS - Dec 2020 GWM		18,025.81
Task 21.02.RP - Dec 2020 GWM Report					
CHEM VI	5	HOURS	8	54.11	432.88
GEO V	6	HOURS	20	45.92	918.40
GEO V	6	HOURS	16	57.15	914.40
			Subtotal for Labor	44	2,265.68
Total Affiliate Overhead					4,531.36
			Subtotal for Overhead		4,531.36
			Subtotal for Labor	44	6,797.04
			Subtotal for Labor and Overhead		6,797.04
Health & Safety		HOURS	36	1.10	39.60
Reprographics, Shipping & Misc		COST	100	1.00	100.00
			Subtotal for Other Direct Expenses		139.60
			Subtotal for Costs		6,936.64
Hawaii GET					288.57
			Subtotal for Bottom Line Markups		288.57
			Subtotal for 21.02.RP - Dec 2020 GWM Report		7,225.21

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Total Price Detail



Lowest Tasks, Original Budget, without Budget Subtotals, without
Period Subtotals, without Estimating Frequency Subtotals

Description	Per Diem Code	Unit	Quantity	Rate	Price
Task 21.03.FS - Mar 2021 GWM					
GEO II	19	HOURS	30	19.08	572.40
GEO IV	7	HOURS	30	38.35	1,150.50
GEO V	6	HOURS	8	47.29	378.32
GEO V	6	HOURS	12	58.86	706.32
		Subtotal for Labor	80		2,807.54
Total Affiliate Overhead					5,615.08
		Subtotal for Overhead			5,615.08
		Subtotal for Labor	80		8,422.62
		Subtotal for Labor and Overhead			8,422.62
Equipment Consumables		COST	125	1.00	125.00
Fleet Vehicle		COST	35	1.00	35.00
GWM Field Sampling Equipment		COST	1,450	1.00	1,450.00
Health & Safety		HOURS	80	1.10	88.00
Shipping		COST	1,000	1.00	1,000.00
		Subtotal for Other Direct Expenses			2,698.00
Analytical Laboratory		COST	4,380	1.00	4,380.00
		Subtotal for Subcontract			4,380.00
airfare		TRIPS	550	1.00	550.00
auto rental		TRIPS	300	1.00	300.00
hotel		TRIPS	900	1.00	900.00
meals		TRIPS	300	1.00	300.00
		Subtotal for Travel			2,050.00
		Subtotal for Costs			17,550.62
Hawaii GET					730.11
		Subtotal for Bottom Line Markups			730.11
		Subtotal for 21.03.FS - Mar 2021 GWM			18,280.73
Task 21.03.RP - Mar 2021 GWM Report					
CAD 1	9	HOURS	8	26.20	209.60
CHEM VI	5	HOURS	8	55.73	445.84
GEO IV	7	HOURS	12	38.35	460.20
GEO V	6	HOURS	24	47.29	1,134.96
GEO V	6	HOURS	18	58.86	1,059.48
GEO VII	4	HOURS	12	83.31	999.72
TE	7	HOURS	8	43.46	347.68
		Subtotal for Labor	90		4,657.48

CMLF GWM 2019-2021

Total Price Detail



Lowest Tasks, Original Budget, without Budget Subtotals, without
Period Subtotals, without Estimating Frequency Subtotals

Description	Per Diem Code	Unit	Quantity	Rate	Price
Total Affiliate Overhead					9,314.96
	Subtotal for Overhead				9,314.96
	Subtotal for Labor			90	13,972.44
	Subtotal for Labor and Overhead				13,972.44
Health & Safety		HOURS	66	1.10	72.60
Reprographics, Shipping & Misc		COST	100	1.00	100.00
	Subtotal for Other Direct Expenses				172.60
	Subtotal for Costs				14,145.04
Hawaii GET					588.43
	Subtotal for Bottom Line Markups				588.43
	Subtotal for 21.03.RP - Mar 2021 GWM Report				14,733.47
Task 21.04.FS - Jun 2021 GWM					
GEO II	19	HOURS	30	19.08	572.40
GEO IV	7	HOURS	30	38.35	1,150.50
GEO V	6	HOURS	8	47.29	378.32
GEO V	6	HOURS	12	58.86	706.32
	Subtotal for Labor			80	2,807.54
Total Affiliate Overhead					5,615.08
	Subtotal for Overhead				5,615.08
	Subtotal for Labor			80	8,422.62
	Subtotal for Labor and Overhead				8,422.62
Equipment Consumables		COST	125	1.00	125.00
Fleet Vehicle		COST	35	1.00	35.00
GWM Field Sampling Equipment		COST	1,450	1.00	1,450.00
Health & Safety		HOURS	80	1.10	88.00
Shipping		COST	1,000	1.00	1,000.00
	Subtotal for Other Direct Expenses				2,698.00
Analytical Laboratory		COST	4,380	1.00	4,380.00
	Subtotal for Subcontract				4,380.00
airfare		TRIPS	550	1.00	550.00
auto rental		TRIPS	300	1.00	300.00
hotel		TRIPS	900	1.00	900.00
meals		TRIPS	300	1.00	300.00
	Subtotal for Travel				2,050.00
	Subtotal for Costs				17,550.62

CMLF GWM 2019-2021

Total Price Detail

Lowest Tasks, Original Budget, without Budget Subtotals, without
Period Subtotals, without Estimating Frequency Subtotals



Description	Per Diem Code	Unit	Quantity	Rate	Price
Hawaii GET					730.11
Subtotal for Bottom Line Markups					730.11
Subtotal for 21.04.FS - Jun 2021 GWM					18,280.73
Task 21.04.RP - Jun 2021 GWM Report					
CHEM VI	5	HOURS	8	55.73	445.84
GEO V	6	HOURS	20	47.29	945.80
GEO V	6	HOURS	16	58.86	941.76
			Subtotal for Labor	44	2,333.40
Total Affiliate Overhead					4,666.80
Subtotal for Overhead					4,666.80
			Subtotal for Labor	44	7,000.20
Subtotal for Labor and Overhead					7,000.20
Health & Safety		HOURS	36	1.10	39.60
Reprographics, Shipping & Misc		COST	100	1.00	100.00
Subtotal for Other Direct Expenses					139.60
Subtotal for Costs					7,139.80
Hawaii GET					297.02
Subtotal for Bottom Line Markups					297.02
Subtotal for 21.04.RP - Jun 2021 GWM Report					7,436.82
Task 21.PM - FY2021 Proj Management					
EN VI	3	HOURS	2	81.95	163.90
GEO V	6	HOURS	30	57.15	1,714.50
GEO V	6	HOURS	30	58.86	1,765.80
			Subtotal for Labor	62	3,644.20
Total Affiliate Overhead					7,288.40
Subtotal for Overhead					7,288.40
			Subtotal for Labor	62	10,932.60
Subtotal for Labor and Overhead					10,932.60
Health & Safety		HOURS	62	1.10	68.20
Subtotal for Other Direct Expenses					68.20
Subtotal for Costs					11,000.80
Hawaii GET					457.62
Subtotal for Bottom Line Markups					457.62
Subtotal for 21.PM - FY2021 Proj Management					11,458.42

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Total Price Detail



Lowest Tasks, Original Budget, without Budget Subtotals, without
Period Subtotals, without Estimating Frequency Subtotals

Description	Per Diem Code	Unit	Quantity	Rate	Price
Task 21.RG - FY2021 Regulatory Support					
GEO V	6	HOURS	8	45.92	367.36
GEO V	6	HOURS	7	47.29	331.03
GEO V	6	HOURS	13	57.15	742.95
GEO V	6	HOURS	12	58.86	706.32
		Subtotal for Labor	40		2,147.66
Total Affiliate Overhead					4,295.32
		Subtotal for Overhead			4,295.32
		Subtotal for Labor	40		6,442.98
		Subtotal for Labor and Overhead			6,442.98
Health & Safety		HOURS	40	1.10	44.00
		Subtotal for Other Direct Expenses			44.00
Travel Expenses		TRIPS	50	1.00	50.00
		Subtotal for Travel			50.00
		Subtotal for Costs			6,536.98
Hawaii GET					271.94
		Subtotal for Bottom Line Markups			271.94
		Subtotal for 21.RG - FY2021 Regulatory Support			6,808.92
		Subtotal for 21			136,885.21
Top Task GP -					
Task GP.01 - GWMP Update					
CAD 1	9	HOURS	6	23.98	143.88
EN VI	4	HOURS	26	67.68	1,759.68
ETC Labor	19	HOURS	6	29.09	174.54
GEO V	6	HOURS	30	53.87	1,616.10
GEO VII	4	HOURS	18	76.24	1,372.32
TE	7	HOURS	10	39.77	397.70
		Subtotal for Labor	96		5,464.22
Total Affiliate Overhead					10,928.44
		Subtotal for Overhead			10,928.44
		Subtotal for Labor	96		16,392.66
		Subtotal for Labor and Overhead			16,392.66
Health & Safety		HOURS	48	1.10	52.80
Reprographics, Shipping & Misc		COST	200	1.00	200.00
		Subtotal for Other Direct Expenses			252.80

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Total Price Detail



Lowest Tasks, Original Budget, without Budget Subtotals, without
Period Subtotals, without Estimating Frequency Subtotals

Description	Per Diem Code	Unit	Quantity	Rate	Price
Travel Expenses		TRIPS	50	1.00	50.00
		Subtotal for Travel			50.00
		Subtotal for Costs			16,695.46
Hawaii GET					694.53
		Subtotal for Bottom Line Markups			694.53
		Subtotal for GP.01 - GWMP Update			17,389.99
		Subtotal for GP			17,389.99
		Grand Total			419,523.45