

**RANEY PLANNING & MANAGEMENT, INC.
CONTRACT AMENDMENT
IDAHO-MARYLAND MINE
REQUEST No. 1**

Date: June 10, 2022

Raney Planning & Management, Inc. (Raney) is proposing to amend the PROFESSIONAL SERVICES CONTRACT between NEVADA COUNTY and RANEY PLANNING & MANAGEMENT, INC., dated MAY 1, 2020, for the Idaho-Maryland Mine project. The number of comments received during the 90-day public review period for the Idaho-Maryland Mine Draft Environmental Impact Report (EIR) is substantial and far surpassed the number of public review comments anticipated in Raney’s original scope of work. Therefore, Raney will need to expand the budget in order to address all comments received during the public review period. In addition, in an effort to make progress with preparing the Administrative Final EIR (AFEIR), Raney has been billing against yet-to-be-completed tasks, such as preparation of staff reports and public hearing attendance. Thus, this amendment also includes budget to replenish those budget line items.

Based on Raney’s review of the public comments to date, hundreds of technical comments have been submitted on the Draft EIR, necessitating the involvement of the technical team of experts who were involved with preparing and peer reviewing the project-specific technical reports prepared in support of the Draft EIR. By necessity, technical responses will need to be prepared by the authors of the original technical reports, many of whom are part of the applicant team. These technical responses will be independently peer reviewed by Raney’s team of consultants, similar to the approach taken during preparation of the Draft EIR. As a result, this proposed contract amendment includes budget to allow Raney’s team of technical consultants to perform peer review services.

Items Not Included in this Contract Amendment Request:

This contract amendment does not include or anticipate recirculation of the Draft EIR. If a recirculation were to be determined necessary during the responses to comments effort, an additional budget amendment would be required.

Raney Labor

Prepare Staff Reports (Task 2.3).....\$10,200

The labor expended to date on the Administrative Final EIR has exceeded the budgeted amount, resulting in the need for Raney to bill against other approved tasks that still need to be completed. One such task is the preparation of Staff Reports (Task 2.3 of original contract). Thus, Raney requests \$10,200 to replenish the original budget approved for the preparation of Planning Commission and Board of Supervisors staff reports.

Prepare Administrative Final EIR (Task 3.6).....\$101,280

Processing and Review of Public Comments.....\$26,280

The labor expended to date on the Administrative Final EIR has exceeded the budgeted amount, resulting in the need for Raney to bill against other approved tasks. While doing so has partially

compensated Raney for its efforts, a total of \$26,280 of unbilled hours remains. Thus, Raney requests an additional \$26,280 for the processing and review of public comments.

Preparation of Response to Comments, Errata, and Revisions to Draft EIR.....\$75,000

A substantial effort is required to provide responses to all public comments on the Draft EIR. While Raney will be assisted by technical team members, a significant effort is still required for Raney in an effort to respond to approximately 690 non-technical Individual Letters, 30 technical Individual Letters, 30 technical Group Letters, and 12 Agency Letters. While straightforward in nature, there are an additional (approximately) 1,800 form letters and support cards that need to be processed. The preparation of responses to comments and revisions to the Draft EIR (i.e., errata) will require significantly more hours than what was anticipated in Raney’s original scope of work. Thus, Raney requests \$75,000 to complete the Administrative Final EIR.

Prepare Screencheck Final EIR (Task 3.8)\$15,000

Given the level of out-of-scope work required to prepare the Administrative Final EIR, Raney anticipates the preparation of the Screencheck Final EIR will also be substantially more intensive than what was originally approved. Thus, Raney requests \$15,000 for the preparation of the Screencheck Final EIR.

Prepare Final EIR (Task 3.9).....\$5,100

Raney anticipates the preparation of the Final EIR will also be more intensive than what was originally approved. Thus, Raney requests \$5,100 for the preparation of the Final EIR.

Prepare Findings of Fact and Statement of Overriding Considerations (Task 3.10).....\$5,000

The labor expended to date on the Administrative Final EIR has exceeded the budgeted amount, resulting in the need for Raney to bill against other approved tasks that still need to be completed. One such task is the preparation of Findings of Fact/Statement of Overriding Considerations (FOF/SOC). Thus, Raney requests \$5,000 to replenish and enhance the original budget approved for the preparation of FOF/SOC.

Project Management, Meetings, and Hearings (Task 4).....\$22,800

The preparation of the Administrative Draft EIR, Screencheck Draft EIR, and Public Review Draft EIR has required more project coordination efforts than what was anticipated in Raney’s original scope of work. Thus, additional funds will be required to cover future project coordination efforts. Raney requests an additional \$22,800 for future project coordination efforts, as well as future meeting and public hearing attendance, including attendance for Senior Vice President Cindy Gnos and Vice President Nick Pappani at:

- up to five, five-hour in-person public hearings (including two Planning Commission hearings, two Board of Supervisors hearings, and one additional public hearing) and
- one in-person meeting with County staff to review the County’s edits on the Administrative Final EIR.

Expenses

Copying/Printing.....\$19,800

The copying/printing costs associated with the Draft EIR required substantially more funds than what was anticipated in Raney’s original scope of work. Given the substantial amount of copying/printing associated with the Draft EIR, Raney anticipates the copying/printing associated

with the Final EIR will also be more intensive than what was originally approved. Copying/printing costs are billed at actual cost; however, for the purposes of this contract amendment, we have included a reasonable cost estimate based on the copying/printing costs for the Draft EIR. Raney is requesting an additional \$19,800 for anticipated copying/printing costs associated with the Final EIR. The requested \$19,800 for copying/printing includes Raney’s 10% administrative fee.

TOTAL RANEY LABOR and EXPENSES.....\$179,180

Sub-Consultant Expenses

The sub-consultant expenses outlined below include conservative cost estimates to, 1) conduct technical peer reviews of draft responses to comments, and 2) attend up to four public hearings. If the technical peer review process requires less hours than anticipated, Raney’s sub-consultants will not bill out the entirety of the cost estimate included in their respective scopes of work.

Madrone Ecological Consulting.....\$26,686

Madrone Ecological Consulting will peer review up to 120 responses to comments prepared by Greg Matuzak Environmental Consulting. Madrone Ecological Consulting will also attend two, five-hour in-person public hearings and two, five-hour virtual public hearings. The cost to complete this task is a not-to-exceed amount of \$26,686 (includes Raney’s 10% administrative fee; *see Attachment A to this Contract Amendment for Madrone’s scope*).

ECM Consulting.....\$40,464

ECM Consulting will peer review up to 35 responses to comments prepared by NV5. ECM will attend up to two, five-hour in-person public hearings and up to two, five-hour virtual public hearings. The cost to complete this task is a not-to-exceed amount of \$40,464 (includes Raney’s 10% administrative fee, *see Attachment B to this Contract Amendment for ECM’s scope*).

Saxelby Acoustics.....\$12,666

Saxelby will peer review up to 200 responses to comments prepared by Bollard Acoustical Consultants and Precision Blasting Services. Saxelby will attend up to two, five-hour in-person public hearings and up to two, five-hour virtual public hearings. The cost to complete this task is a not-to-exceed amount of \$12,666 (includes Raney’s 10% administrative fee, *see Attachment C to this Contract Amendment for Saxelby Acoustics’ scope*).

West Yost.....\$94,160

West Yost will peer review responses to comments prepared by Itaska, Balance Hydrologics, and Emko. West Yost will also prepare up to 15 responses to the Water Supply Assessment-related comments received on the Draft EIR during the public review period. West Yost will attend up to two, five-hour in-person public hearings and up to two, five-hour virtual public hearings. The cost to complete this task is a not-to-exceed amount of \$94,160 (includes Raney’s 10% administrative fee, *see Attachment D to this Contract Amendment for West Yost’s scope*).

TOTAL SUB-CONSULTANT EXPENSES.....\$173,976

COST ESTIMATE

Raney’s original contract amount for preparation of the Idaho-Maryland Mine project was not to exceed **\$381,194**. This Contract Amendment #1 would add **\$353,156** and would allow Raney to

expand the budget to address all comments received during the public review period, prepare the remaining EIR documents, and allow for future project coordination efforts and hearing attendance. Contract Amendment #1 would also allow Raney's sub-consultant to peer review responses to comments prepared by the applicant's technical consultants. The additional services to be provided for this contract amendment would add **\$353,156** to the previous total of **\$381,194** for a revised total of **\$734,350**.

Thank you for the opportunity to submit the above contract amendment request for your consideration. Please do not hesitate to contact me if you have any questions regarding the contract amendment request or if you need any additional information.

Thank you,



Nick Pappani, Vice President
Raney Planning & Management, Inc.
npappani@raneymanagement.com

Attachments

Attachment A: Madrone Ecological Consulting Scope of Work

Attachment B: ECM Consulting Scope of Work

Attachment C: Saxelby Acoustics Scope of Work

Attachment D: West Yost Associates Scope of Work

**ATTACHMENT A: MADRONE ECOLOGICAL
CONSULTING SCOPE OF WORK**





CHANGE ORDER TO PROVIDE ADDITIONAL SERVICES

- I Project Name** Idaho-Maryland Mine
- II Client Name** Raney Planning and Management
1501 Sports Drive, Suite A
Sacramento, CA 95834
- III Location** Nevada County, California

IV Description of Services

This is Change Order Number 1 related to the Sub-consultant Agreement dated 12 May 2020 between Madrone Ecological Consulting, LLC (Madrone) and Raney Planning and Management (herein, "Original Contract") for the Idaho-Maryland Mine Project:

CEQA Assistance

Madrone will peer review the responses to biologically-related comments received on the Environmental Impact Report for the Project. It is assumed that there will be up to 120 comments and that on average Madrone's review of each response will take 45 minutes. This equates to 90 hours of staff time. In addition, we assume 10 hours of principal time for more complex review.

Project Meetings

This optional task assumes two, five-hours meetings would be attended in person by Madrone at our principal rate as well as two hours of travel and one hour of preparation for each meeting. It also includes two virtual meetings at five hours each. This task assumes one hour per meeting at our staff rate to assist with the preparation of background information or materials.

V Estimated Costs

Estimated costs for the tasks detailed above are as follows.

TASK	ESTIMATED COST
CEQA Assistance	\$17,600
Project Meetings (optional)	\$6,660
Total	\$24,260

Date: 26 May 2022

By: Sarah VonderOhe
Sarah VonderOhe, Principal

**ATTACHMENT B: ECM CONSULTING
SCOPE OF WORK**



SUBMITTED VIA E-MAIL

May 26, 2022

Nick Pappani

Vice President

Raney, Planning and Management, Inc (RPM)

1501 Sports Drive, Suite A

Sacramento, CA 95834

Tel (916) 372-6100

e-mail:npappani@raneymanagement.com

Subject: Nevada County (Idaho-Maryland Mine), Technical Report Peer Review Support and Attendance at Public Meetings, Grass Valley, California; Cost Estimate - revised

Dear Ms. Browne-Allard:

ECM Consultants (ECM) is pleased to submit this cost estimate for the Idaho-Maryland Mine in Nevada County, California. The tasks include review and comments on technical responses concerning the project to be provided by NV5 and personal attendance of public hearings in at the Nevada County Government Center in Grass Valley. Based on the information provided the following assumptions are made:

Art Braun of ECM has performed reviews of various technical reports that were prepared by NV5 for the project. Those reports have been submitted and public responses have been received.

The work to be performed by Mr. Braun is assumed to consist of the following:

- Review up to 35 technical responses provided by NV5
- Attend two public hearings in person and two virtually at the Nevada County Government Center.

The work to be performed will include a kick-off call to allow the ECM team to be brought up to date with the project and to all the team to prepare of the types of comments and learn the details of what the client expects in the hearings. Upon completion of the responses by NV5, Mr. Braun will review and comment as appropriate. It is understood that five hearings will occur in the fall and winter of 2022, and Mr. Braun will attend those hearings, making himself available for discussions, and for comments.

Below is a cost summary for the requested services.

Task #	Task	Cost
		By WBS
1	Review up to 35 technical responses provided by NV5	\$17,307

2	<ul style="list-style-type: none">Attend two public hearings in person and two virtually at the Nevada County Government Center	\$19,478
Total		\$36,785

Thank you for allowing ECM to provide your company with the opportunity to support your project and if you have any questions, please give me a call:

Best regards,
ECM CONSULTANTS



Donald L. Stevens, PE
Principal, Senior Engineer

Cost Estimate

Attachment A: Cost Detail

ECM Consultants

Proposal: IMM Draft EIR Responses Peer Review and Hearing Attendance

Customer: Raney Planning and Management

RFQ No.:

POP:

Task

TOTAL

Task 1

Task 2

Review up to 35 technical responses provided by NV5	Attend two public hearings in person and 2 virtually at the Nevada County
Unit Pricing	Unit Pricing

Billing Type:

Thursday, May 26, 2022

			Duration:		X Days		X Days		
	Rate (\$)	Unit	Total Units	Total Cost (\$)	Units	Total Cost (\$)	Units	Total Cost (\$)	
1. Labor									
Project Manager	\$143.75	hour	28	\$4,025.00	20	\$2,875.00	8	\$1,150.00	
Senior Engineer/PE	\$160.00	hour	182	\$29,120.00	86	\$13,760.00	96	\$15,360.00	
Technical Editor	\$84.00	hour	8	\$672.00	8	\$672.00	0		
Subtotals			218	\$33,817.00	114	\$17,307.00	104	\$16,510.00	
2. Travel									
Car Rental	\$150.00	Each	2	\$300.00			2	\$300.00	
Per diem Full day	\$79.00	day	4	\$316.00			4	\$316.00	
Hotel	\$126.00	day	4	\$504.00			4	\$504.00	
Hotel Tax	\$15.12	day	4	\$60.48			4	\$60.48	
Air Fare	\$700.00	RT	2	\$1,400.00			2	\$1,400.00	
Subtotals			16	\$2,580.48		\$0.00		\$2,580.48	
SUBTOTALS					\$36,397.48		\$17,307.00		\$19,090.48
3. Markup, Bonding, Insurance, and Taxes									
G&A on Mat'l's, ODCs, Subcontractors & Travel	7.5%	Pct.	\$ 2,580.48	\$193.54			2,580.48	\$193.54	
Markup on Mat'l's, ODCs, Other Equipment, Subcontractors & Travel	7.5%	Pct.	\$ 2,580.48	\$193.54			2,580.48	\$193.54	
Subtotals				\$387.08		\$0.00		\$387.08	
TOTALS					\$36,784.56		\$17,307.00		\$19,477.56

ATTACHMENT C: SAXELBY ACOUSTICS
SCOPE OF WORK





May 26, 2022

Nick Pappani
 Raney Planning & Management
 1501 Sports Drive
 Sacramento, California 95834
npappani@raneymanagement.com

Subject: Proposal to provide additional acoustic consulting services for the Idaho-Maryland Mine EIR – Nevada County, California

Dear Mr. Pappani:

Thank you for inviting us to join with you on the above-referenced project. The following outlines our proposed scope of work for this project.

Scope of Work

Task 2 – Peer Review and On-Going Assistance

- 2A. Attendance at Hearings:** We will attend up to four meetings/hearings in Nevada County during the EIR process. It is assumed that two will be virtual and two will be in-person.
- 2B. Response to Admin Draft Comments:**
 Saxelby Acoustics will respond to comments on the draft EIR. This task assumes up to 40 hours of effort.

Fee:
 Saxelby Acoustics will conduct the above-described scope of work for a total fee of \$11,515.00 including expenses, as outlined below.

Saxelby Acoustics Fee Proposal – Idaho-Maryland Mine Noise and Vibration Additional Work

Task	Description	Quantity	Rate	Fee
Task 1 – Peer Review and On-Going Assistnace				
1B	Attendance at Hearings (4) - Two Virtual, Two In-Person			
	Principal Consultant	20 hrs.	\$ 190 /hr.	\$3,800
	Mileage	200 miles	\$ 0.575 /mile	\$115.00
1C	Response to Comments			
	Principal Consultant	40 hrs.	\$ 190 /hr.	\$7,600
Total for Task 1:				\$11,515.00

Attendance at additional meetings, response to a substantial amount of public comment, or performance of additional work which is outside of this proposal will be invoiced based upon a Principal Consultant hourly rate of \$190/hr. plus mileage at \$0.575 per mile.

Timing:

We will commit to meeting deadlines as required to keep the project schedule.

Insurance:

Saxelby Acoustics maintains automobile, general, and professional liability insurance policies with one million dollars coverage each and two million dollars aggregate.

Thank you again for inviting our proposal, and please call or email me if you have any questions.

Sincerely,

Saxelby Acoustics LLC



Luke Saxelby, INCE Bd. Cert.
Principal Consultant
Board Certified, Institute of Noise Control Engineering

Saxelby Acoustics 2022 Fee Schedule and Consulting Terms

Item	Rate
Principal Consultant <i>Regular Rate</i> <i>Legal Rate (Inspections, depositions, court testimony, expert witness conference, etc.)</i>	 \$190/hr. \$500/hr.
Technical Staff	\$140/hr.
Administrative Staff	\$90/hr.
Mileage Rate	IRS Rate (\$0.575/mile)
Meals and Lodging	\$200/day
Sound Level Meter <i>Basic (daily)</i> <i>Basic (weekly)</i> <i>Advanced (daily)</i> <i>Advanced (weekly)</i> <i>Very Low Noise (daily)</i> <i>Very Low Noise (weekly)</i>	 \$100/day \$400/week \$150/day \$600/week \$200/day \$800/week
Sound Meter – Advanced Outdoor Setup Very low noise, wind measurement, audio recording, solar panels, environmental protection shroud, etc.	\$1,000/week
IIC Tapping Machine	\$500/day \$2000/week
Sound System for Acoustic Testing	\$200/day \$800/week
Vibration Sensor with Calibrator	\$200/day \$800/week

Insurance Coverage

Saxelby Acoustics LLC maintains the following insurance limits:

- Commercial General Liability – \$2,000,000 per occurrence / \$4,000,000 aggregate
- Auto Liability – \$1,000,000
- Umbrella Liability – \$3,000,000 per occurrence, \$3,000,000 aggregate
- Worker’s Compensation – Per Statute
- Professional Liability - \$1,000,000

Certificates of insurance to our clients can be issued for no additional fee.

Request for Retainers

For new clients, a retainer of up to 50% of the contract is required prior to beginning work on the project. Payment for the balance of the study will be required prior to issuance of signed/stamped report.

Invoicing and Terms of Payment

Saxelby Acoustics reserves the right to submit monthly invoices for services and expenses which have been incurred when the project duration is expected to exceed 30 days. Payment for professional services is due within 30 days of the invoice date, and past due thereafter. Past due invoices will incur interest at the rate of 2% per month on the balance due, unless otherwise agreed upon. We will accept bank transfer (ACH) and credit card payments for no additional fee.

**ATTACHMENT D: WEST YOST
SCOPE OF WORK**





6800 Koll Center Parkway
Suite 150
Pleasanton CA 94566

925.426.2580 phone
530.756.5991 fax
westyost.com

May 26, 2022

SENT VIA: EMAIL

Mr. Nick Pappani
Vice President
Raney Planning & Management, Inc.
1501 Sports Drive, Suite A
Sacramento, CA 95834

SUBJECT: Revised Proposal for Engineering Services – Peer Review of Draft EIR Responses and Hearing Support for Idaho Maryland Mine Project

Dear Nick,

Per your request, this revised letter presents West Yost’s proposal for engineering services for peer review and hearing support for the Idaho Maryland Mine Project (Project) located in Nevada County, California. The letter was revised to reflect attendance at a reduced number of public meetings (previously, in-person attendance at five public meetings; revised to in-person attendance at two public meetings and virtual attendance at two public meetings). West Yost previously prepared a Water Supply Assessment (WSA) for the Project and a recommended Monitoring and Mitigation Plan to address potential groundwater impacts associated with the Project. West Yost also provided peer review of the groundwater hydrology, water quality analysis and groundwater model reports, and peer review for the water treatment plant design for the Project. The Draft Environmental Impact Report (Draft EIR) for the Project has been circulated and the public review period closed in early April.

Raney Planning & Management, Inc. (Raney) has asked West Yost to provide the following services:

- Provide peer review of technical responses prepared by Itaska, Balance Hydrologics, and Emko to the hydrology-related Draft EIR comments (approximately 200 comments)
- Prepare responses to WSA-related Draft EIR comments (approximately 15 comments)
- Ken Loy to prepare for and attend at up to four public hearings (two in person; two with virtual attendance) at Nevada County Government Center (each hearing estimated to be 4 hours long)

SCOPE OF SERVICES

The following describes each of the key tasks necessary to perform this proposed Scope of Services.

Task 1. Conduct Peer Review of Hydrology-Related Draft EIR Comments

Itaska, Balance Hydrologics, and Emko will be taking the lead on preparing responses to the hydrology-related comments received for the Draft EIR. West Yost will provide a peer review of those responses. Approximately 200 comments are assumed. West Yost will prepare a memorandum summarizing our

comments for Raney's review and coordination with Itaska, Balance Hydrologics, and Emko. West Yost will participate in a telephone meeting with Raney, Itaska, Balance Hydrologics, and Emko to discuss the peer review comments.

Task 2. Prepare Responses to WSA-Related Draft EIR Comments

West Yost will take the lead on preparing responses to the WSA-related comments received on the Draft EIR. Approximately 15 comments are assumed. West Yost will prepare a draft memorandum with the responses for Raney's review and comment. West Yost will participate in a telephone meeting with Raney to discuss the draft responses. Following receipt of comments on the draft responses, West Yost will finalize the memorandum for Raney's inclusion in the Final EIR.

Task 3. Prepare for and Attend Hearings at Nevada County

West Yost will prepare for and attend up to four public hearings at the Nevada County Government Center in support of the Project. Ken Loy will attend two of the meetings in person and two of the meetings virtually. Each hearing is assumed to be 4 hours in length. Budgeting includes West Yost's preparation time for the hearing, including participation in a pre-hearing meeting with Raney, as well as travel time from Davis to Nevada City and back.

PROJECT BUDGET

West Yost will perform the Scope of Services described above on a time-and-expenses basis, at the billing rates set forth in West Yost's attached 2022 Billing Rate Schedule (Attachment A), with a not-to-exceed budget of \$85,600. Any additional services not included in this Scope of Services will be performed only after receiving written authorization and a corresponding budget augmentation.

SCHEDULE

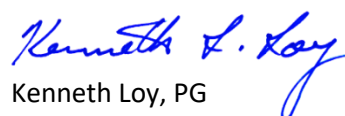
Work will commence immediately upon receipt of Notice to Proceed (NTP). The memorandum summarizing the peer review of the hydrology-related Draft EIR comment responses will be provided within six weeks of receipt of the draft responses from Raney. The draft responses to the WSA-related Draft EIR comments will be provided within four weeks of receipt of the comments from Raney. Attendance at the public hearings will be coordinated with Raney.

Thank you for providing West Yost the opportunity to be of continued service to Raney. We are looking forward to working with you on this important project. Please call if you have any questions or require additional information.

Sincerely,
WEST YOST

 for

Elizabeth Drayer, PE
Project Manager
RCE #46872



Kenneth Loy, PG
Principal Hydrogeologist
PG #7008

Attachment A. West Yost's 2022 Billing Rate Schedule



Attachment A

West Yost's 2022 Billing Rate Schedule

2022 Billing Rate Schedule

(Effective January 1, 2022 through December 31, 2022)*



POSITIONS	LABOR CHARGES (DOLLARS PER HOUR)
ENGINEERING	
Principal/Vice President	\$318
Engineer/Scientist/Geologist Manager I / II	\$301 / \$315
Principal Engineer/Scientist/Geologist I / II	\$272 / \$289
Senior Engineer/Scientist/Geologist I / II	\$244 / \$256
Associate Engineer/Scientist/Geologist I / II	\$209 / \$224
Engineer/Scientist/Geologist I / II	\$168 / \$195
Engineering Aide	\$98
Field Monitoring Services	\$90
Administrative I / II / III / IV	\$86 / \$109 / \$130 / \$144
ENGINEERING TECHNOLOGY	
Engineering Tech Manager I / II	\$313 / \$315
Principal Tech Specialist I / II	\$287 / \$297
Senior Tech Specialist I / II	\$263 / \$275
Senior GIS Analyst	\$238
GIS Analyst	\$225
Technical Specialist I / II / III / IV	\$168 / \$191 / \$215 / \$240
Technical Analyst I / II	\$120 / \$144
Technical Analyst Intern	\$97
Cross-Connection Control Specialist I / II / III / IV	\$125 / \$136 / \$152 / \$170
CAD Manager	\$189
CAD Designer I / II	\$147 / \$166
CONSTRUCTION MANAGEMENT	
Senior Construction Manager	\$304
Construction Manager I / II / III / IV	\$185 / \$199 / \$211 / \$267
Resident Inspector (Prevailing Wage Groups 4 / 3 / 2 / 1)	\$162 / \$180 / \$201 / \$209
Apprentice Inspector	\$147
CM Administrative I / II	\$79 / \$106
Field Services	\$209

- Hourly rates include Technology and Communication charges such as general and CAD computer, software, telephone, routine in-house copies/prints, postage, miscellaneous supplies, and other incidental project expenses.
- Outside Services such as vendor reproductions, prints, shipping, and major West Yost reproduction efforts, as well as Engineering Supplies, etc. will be billed at actual cost plus 15%.
- The Federal Mileage Rate will be used for mileage charges and will be based on the Federal Mileage Rate applicable to when the mileage costs were incurred. Travel other than mileage will be billed at cost.
- Subconsultants will be billed at actual cost plus 10%.
- Expert witness, research, technical review, analysis, preparation and meetings billed at 150% of standard hourly rates. Expert witness testimony and depositions billed at 200% of standard hourly rates.
- A Finance Charge of 1.5% per month (an Annual Rate of 18%) on the unpaid balance will be added to invoice amounts if not paid within 45 days from the date of the invoice.

2022 Billing Rate Schedule

(Effective January 1, 2022 through December 31, 2022)*



Equipment Charges

EQUIPMENT	BILLING RATES
2" Purge Pump & Control Box	\$270 / day
Aquacalc / Pygmy or AA Flow Meter	\$28 / day
Emergency SCADA System	\$35 / day
Gas Detector	\$80 / day
Generator	\$39 / day
Hydrant Pressure Gauge	\$10 / day
Hydrant Pressure Recorder, Impulse (Transient)	\$55 / day
Hydrant Pressure Recorder, Standard	\$40 / day
Low Flow Pump Controller	\$75 / day
Powers Water Level Meter	\$32 / day
Precision Water Level Meter	\$19 / day
Stainless Steel Wire per foot	\$0.03 / day
Storage Tank	\$15 / day
Sump Pump	\$24 / day
Transducer Components (per installation)	\$23 / day
Trimble GPS – Geo 7x	\$220 / day
Tube Length Counter	\$22 / day
Turbidity Meter	\$22 / day
Vehicle	\$10 / day
Water Flow Probe Meter	\$20 / day
Water Quality Meter	\$27 / day
Water Quality Multimeter	\$185 / day
Well Sounder	\$30 / day

* This schedule is updated annually