

1 FOURTH AMENDMENT TO AGREEMENT NO. 34487

2 **34487**

3 THIS FOURTH AMENDMENT TO AGREEMENT NO. 34487 is made and
4 entered, as of October 14, 2022, for reference purposes only, pursuant to a minute order
5 adopted by the City Council of the City of Long Beach at its meeting on October 11, 2022,
6 by and between RMA GROUP, a California corporation ("Consultant"), with a place of
7 business at 1210 E. 223rd Street, Suite 319, Carson, California 90745, and the CITY OF
8 LONG BEACH, a municipal corporation ("City").

9 WHEREAS, City and Consultant (the "Parties") entered into Agreement No.
10 34487 (the "Agreement") whereby Consultant agreed to provide as-needed construction
11 materials testing and inspection services in an amount not to exceed Two Million Dollars
12 (\$2,000,000) for a period of three (3) years with the option to renew for two (2) additional
13 one-year periods, at the discretion of the City Manager; and

14 WHEREAS, the Parties entered into a First Amendment to the Agreement to
15 add Two Million Dollars (\$2,000,000) for a total not to exceed amount of Four Million Dollars
16 (\$4,000,000), and extend the term to December 31, 2020; and

17 WHEREAS, the Parties entered into a Second Amendment to the Agreement
18 to extend the term to December 31, 2021; and

19 WHEREAS, on August 3, 2021, City Council approved extending the
20 Agreement one (1) additional one-year period; and

21 WHEREAS, the Parties entered into a Third Amendment to the Agreement
22 to extend the term to December 31, 2022; and

23 WHEREAS, on October 11, 2022, City Council approved extending the
24 Agreement one (1) additional one-year period; and

25 WHEREAS, the Parties desire to extend the term one (1) additional one-year
26 period, and attach an updated rate sheet;

27 NOW, THEREFORE, in consideration of the mutual terms, covenants, and
28 conditions herein contained, the Parties agree as follows:

OFFICE OF THE CITY ATTORNEY
CHARLES PARKIN, City Attorney
411 West Ocean Boulevard, 9th Floor
Lana Beach, CA 90802-4664

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1. Section 2 of the Agreement is hereby amended to read as follows:

"2. TERM. The term of this Agreement shall commence at midnight on January 1, 2017, and shall terminate at 11:59 p.m. on December 31, 2023, unless sooner terminated as provided in this Agreement, or unless the services or the Project is completed sooner."

2. The Rates in Exhibit "B" to the Agreement are hereby amended in accordance with Exhibit "B-1", attached hereto and incorporated by this reference."

3. Except as expressly amended herein, all terms and conditions in Agreement No. 34487 are ratified and confirmed and shall remain in full force and effect.

IN WITNESS WHEREOF, the Parties have caused this document to be duly executed with all formalities required by law as of the date first stated above.

RMA GROUP, a California corporation

_____, 2022

By [Signature]
Name Slawek Dymerski
Title Vice President

_____, 2022

By [Signature]
Name [Signature]
Title Secretary

"Consultant"

CITY OF LONG BEACH, a municipal corporation

November 10, 2022

By [Signature]
City Manager

"City"

EXECUTED PURSUANT
TO SECTION 301 OF
THE CITY CHARTER.

This Fourth Amendment to Agreement No. 34487 is approved as to form on

NOVEMBER 3, 2022.

CHARLES PARKIN, City Attorney

By [Signature]
Deputy

Exhibit B-1 - Updated Rates



Personnel Charges - Professional Staff

Product Name	Units	Rate (\$)
Staff Geologist - Office	HR	\$140.00
Staff Geologist - Field	HR	\$140.00
Staff Engineer - Office	HR	\$140.00
Staff Engineer - Field	HR	\$140.00
Qualified SWPPP Practitioner QSP	HR	\$115.00
Qualified SWPPP Developer QSD	HR	\$140.00
Project Manager - Office	HR	\$150.00
Project Manager - Job Conference	HR	\$150.00
Project Manager - Field	HR	\$150.00
Project Geologist - Office	HR	\$150.00
Project Geologist - Job Conference	HR	\$150.00
Project Geologist - Field	HR	\$150.00
Project Geologist - Consultation	HR	\$150.00
Project Engineer - Office	HR	\$150.00
Project Engineer - Laboratory	HR	\$150.00
Project Engineer - Job Conference	HR	\$150.00
Project Engineer - Field	HR	\$150.00
Project Engineer - Consultation	HR	\$150.00
Principal Geologist - Office	HR	\$200.00
Principal Geologist - Job Conference	HR	\$200.00
Principal Geologist - Field	HR	\$200.00
Principal Geologist - Expert Witness	HR	\$450.00
Principal Geologist - Court Appearance	HR	\$550.00
Principal Geologist - Consultation	HR	\$200.00
Principal Engineer - Office	HR	\$200.00
Principal Engineer - Job Conference	HR	\$200.00
Principal Engineer - Field	HR	\$200.00
Principal Engineer - Expert Witness	HR	\$500.00
Principal Engineer - Court Appearance	HR	\$600.00
Principal Engineer - Consultation	HR	\$200.00
Drafting	HR	\$105.00
Administrative	HR	\$75.00

Personnel Charges - Field Staff

Product Name	Units	Rate (\$)
Supervising Special Inspector	HR	\$105.00
Supervising Soil Technician	HR	\$105.00
Supervising Public Works Inspector	HR	\$105.00
Special Inspector Wood Construction	HR	\$125.00
Special Inspector Structural Steel	HR	\$115.00
Special Inspector Shotcrete	HR	\$115.00
Special Inspector Roofing/Waterproofing	HR	\$115.00
Special Inspector Reinforced Concrete	HR	\$115.00
Special Inspector Prestressed Concrete	HR	\$115.00
Special Inspector Post Tensioned Concrete	HR	\$115.00
Special Inspector Post Installed Anchors	HR	\$115.00
Special Inspector Masonry (DSA)	HR	\$115.00
Special Inspector Masonry	HR	\$115.00
Special Inspector High Strength Bolting	HR	\$115.00
Special Inspector Fire Stopping	HR	\$115.00
Special Inspector Fire Proofing	HR	\$115.00
Special Inspector Fiber Wrap	HR	\$115.00



Special Inspector Concrete Batch Plant	HR	\$115.00
Special Inspector Coatings	HR	\$120.00
Special Inspector (ICC)	HR	\$115.00
Soils Technician Rough Grading	HR	\$115.00
Soils Technician Retesting	HR	\$115.00
Soils Technician Compaction Testing	HR	\$115.00
Soils Engineering Technician	HR	\$115.00
Radiographic Testing Crew	HR	\$400.00
Quality Control Manager	HR	\$140.00
Pull Torque Testing Technician	HR	\$11.00
Public Works Technician - Concrete	HR	\$112.00
Public Works Technician - Asphalt	HR	\$112.00
Public Works Technician	HR	\$112.00
Public Works Inspector - Concrete Plant	HR	\$112.00
Public Works Inspector - Concrete Paving	HR	\$112.00
Public Works Inspector - Asphalt Plant	HR	\$112.00
Public Works Inspector - Asphalt Paving	HR	\$112.00
Public Works Inspector	HR	\$118.00
Project Inspector (IOR)	HR	\$120.00
Pick-up and Delivery of Test Specimens	HR	\$60.00
Non Destructive Testing ASNT Level III	HR	\$160.00
Non Destructive Testing ASNT Level II	HR	\$115.00
Mechanical Electrical Inspector	HR	\$120.00
Laboratory Technician - Field Lab	HR	\$90.00
ID Reinforcing or Structural Steel	HR	\$115.00
Horizontal Wall Coring	HR	\$115.00
Concrete Coring	HR	\$120.00
Building Inspector	HR	\$120.00
AWS Certified Welding Inspector- Shop	HR	\$115.00
AWS Certified Welding Inspector- Field	HR	\$115.00
Assistant Wall Coring	HR	\$120.00
Asphalt Coring	HR	\$120.00
ACI Concrete Technician	HR	\$115.00

Laboratory Tests - Steel

Product Name	Units	Rate (\$)
Steel Chemical Analysis	EA	\$125.00
AWS Weld: Macroetch	EA	\$110.00
AWS Weld: Fracture	EA	\$75.00
AWS Bend Test	EA	\$55.00
ASTM F606 Nut: Proof Load up to 7/8"	EA	\$65.00
ASTM F606 Nut: Proof Load up to 1 1/2"	EA	\$100.00
ASTM F606 Bolt Wedge Tensile to 7/8"	EA	\$90.00
ASTM F606 Bolt Wedge Tens 7/8" to 1 1/2"	EA	\$110.00
ASTM F606 Bolt Axial Tensile to 7/8"	EA	\$60.00
ASTM F606 Bolt: Proof Load up to 7/8"	EA	\$100.00
ASTM F606 Bolt: Proof Load up to 1 1/2"	EA	\$125.00
ASTM F606 Bolt: Axial 7/8" - 1 1/2"	EA	\$95.00
ASTM E605 Spray Applied Fireproofing Den	EA	\$135.00
ASTM A416 Tensile Test Only	EA	\$175.00
ASTM A416 Stress-Strain Analysis	EA	\$240.00



ASTM A370 Tensile Up to 400K lbs (Each)	EA	\$160.00
ASTM A370 Tensile Up to 300K lbs (Each)	EA	\$100.00
ASTM A370 Tensile Up to 200K lbs (Each)	EA	\$90.00
ASTM A370 Tensile Up to 100K lbs (Each)	EA	\$75.00
ASTM A370 Tensile Stress-Strain Percent	EA	\$205.00
ASTM A370 Tensile 400K - 500K lbs (Each)	EA	\$365.00
ASTM A370 Rockwell Hardness (Each)	EA	\$110.00
ASTM A370 Rebar Tension up to #8	EA	\$60.00
ASTM A370 Rebar Tension #9 to #11	EA	\$75.00
ASTM A370 Rebar Tension #18	EA	\$170.00
ASTM A370 Rebar Tension #14	EA	\$115.00
ASTM A370 Headed Bar Prod. Lot up to #8	LOT	\$275.00
ASTM A370 Headed Bar Prod. Lot #9 to #11	LOT	\$335.00
ASTM A370 Headed Bar Prod. Lot #18	LOT	\$670.00
ASTM A370 Headed Bar Prod. Lot #14	LOT	\$515.00
ASTM A370 Bend Test Rebar up to #8	EA	\$50.00
ASTM A370 Bend Test Rebar #9 to #11	EA	\$60.00
ASTM A370 Bend Test Rebar # 18	EA	\$170.00
ASTM A370 Bend Test Rebar #14	EA	\$115.00

Laboratory Tests – Soil

Product Name	Units	Rate (\$)
ASTM D854 Specific Gravity of Soils	EA	\$265.00
ASTM D698 Maximum Density Std Effort	EA	\$260.00
ASTM D559 Soil Cement Sample Preparation	EA	\$140.00
ASTM D558 Soil-Cement Maximum Density	EA	\$325.00
ASTM D5333 Hydro Collapse Potential	EA	\$240.00
ASTM D4972 pH of Soils	EA	\$115.00
ASTM D4943 Shrinkage Factor by Resin	EA	\$260.00
ASTM D4829 Expansion Index of Soils	EA	\$240.00
ASTM D4546 Swell Potential	EA	\$240.00
ASTM D4318 Plasticity Index of Soils	EA	\$255.00
ASTM D422 Sieve Analysis of Soil	EA	\$200.00
ASTM D422 Hydrometer Analysis	EA	\$275.00
ASTM D3080 Direct Shear, Consol&Drained	EA	\$305.00
ASTM D2974 Moisture, Ash, Organic Matter	EA	\$110.00
ASTM D2937 In-Place Density, Drive Cyl	EA	\$65.00
ASTM D2844 R-Value & Expansive Pressures	EA	\$400.00
ASTM D2435 Consolidation with Time Rate	EA	\$275.00
ASTM D2435 Consolidation	EA	\$275.00
ASTM D2434 Const Head Permeability Test	EA	\$470.00
ASTM D2419 Sand Equivalent	EA	\$125.00
ASTM D2216 Soil Moisture Content by Mass	EA	\$30.00
ASTM D2166 Unconfined Comp Strength	EA	\$275.00



RMA Group

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ASTM D2050 Tri-Axial Shear Strength	EA	\$470.00
ASTM D1883 California Bearing Ratio	EA	\$605.00
ASTM D1633 Compression Test Soil Cement	EA	\$110.00
ASTM D1557 Max Density Optimum Moisture	EA	\$290.00
ASTM D1140 Materials Finer than #200	EA	\$140.00
AASHTO T100 Specific Gravity of Soils	EA	\$275.00

Laboratory Tests - Masonry

Product Name	Units	Rate (\$)
ASTM E519 Assemblage Comp Str 8" Block	EA	\$125.00
ASTM E519 Assemblage Comp Str 16" Block	EA	\$175.00
ASTM E519 Assemblage Comp Str 12" Block	EA	\$140.00
ASTM C90 Masonry Block Conformance	SET	\$740.00
ASTM C780 Mortar Cylinder Compression	EA	\$40.00
ASTM C67 Brick Moisture & Absorption	SET	\$110.00
ASTM C67 Brick Modulus of Rupture	EA	\$135.00
ASTM C67 Brick Compressive Strength	SET	\$125.00
ASTM C67 Brick 5 Hour Boil	EA	\$135.00
ASTM C426 Block Linear Shrinkage	SET	\$375.00
ASTM C140 Block Unit Wt & Dimensions	SET	\$265.00
ASTM C140 Block Moisture & Absorption	SET	\$110.00
ASTM C140 Block Compressive Strength	SET	\$100.00
ASTM C1314 Masonry Core Shear Str 8" Max	EA	\$110.00
ASTM C1314 Masonry Core Comp Str 8" Max	EA	\$100.00
ASTM C109 Compressive Strength 2" Cube	EA	\$50.00
ASTM C1019 Grout Prism Compression	EA	\$50.00

Laboratory Tests - Environmental

Product Name	Units	Rate (\$)
OSHA ID-191 Asbestos	EA	Quote
EPA 9040 pH of Soil	EA	Quote
EPA 8310 Polynuclear Aromatic Hydrocarbons	EA	Quote
EPA 8270 Semi-Volatile Organic Compounds	EA	Quote
EPA 8151 Chlorinated Herbicides	EA	Quote
EPA 8141 Organo-Phosphorous Pesticides	EA	Quote
EPA 8082 PCB's	EA	Quote
EPA 8081 Organo-Chlorine Pesticides	EA	Quote
EPA 8021 or 8260 Volatile Organic Compounds	EA	Quote
EPA 8015 Total Petroleum Hydrocarbons	EA	Quote
EPA 6010 & 7471 TTLC Lead	EA	Quote
EPA 6010 & 7471 TTLC 17 Metals	EA	Quote

Laboratory Tests – Concrete

Product Name	Units	Rate (\$)
T 336 Coefficient of Thermal Expansion	EA	\$670.00
ASTM C78 Flexural Strength, Beam	EA	\$125.00
ASTM C649 Concrete Modulus of Elasticity	EA	\$205.00



ASTM C496 Splitting Tensile Test	EA	\$125.00
ASTM C495 Lightweight Concrete Strength	EA	\$65.00
ASTM C495 Density - Lightweight Concrete	EA	\$240.00
ASTM C42 Compressive Strength, Core	EA	\$100.00
ASTM C39 Cyl Tested out of Sequence	EA	\$50.00
ASTM C39 Concrete Cyl Cured or Tested	EA	\$40.00
ASTM C157 Concrete Shrinkage (Set of 3)	SET	\$600.00
ASTM C138 Unit Weight of Concrete	EA	\$90.00
ASTM C1140 Shotcrete Panel Test	SET	\$335.00

Laboratory Tests - Caltrans

Product Name	Units	Rate (\$)
CT670 Tensile Strength up to #8	EA	\$75.00
CT670 Tensile Strength #8 - #11	EA	\$110.00
CT670 Tensile Strength #18	EA	\$205.00
CT670 Tensile Strength #14	EA	\$140.00
CT670 Production Lot up to #8 (Ultimate)	LOT	\$405.00
CT670 Production Lot up to #8 (Service)	LOT	\$335.00
CT670 Production Lot #9 to #11(Ultimate)	LOT	\$470.00
CT670 Production Lot #9 to #11 (Service)	LOT	\$405.00
CT670 Production Lot #18 (Ultimate)	LOT	\$1,005.00
CT670 Production Lot #18 (Service)	LOT	\$725.00
CT670 Production Lot #14 (Ultimate)	LOT	\$740.00
CT670 Production Lot #14 (Service)	LOT	\$535.00
CT670 Operator Qualification up to #8	LOT	\$470.00
CT670 Operator Qualification up to #8	EA	\$470.00
CT670 Operator Qualification #9 - #11	LOT	\$535.00
CT670 Operator Qualification #9 - #11	EA	\$535.00
CT670 Operator Qualification #18	LOT	\$1,135.00
CT670 Operator Qualification #18	EA	\$1,135.00
CT670 Operator Qualification #14	LOT	\$800.00
CT670 Operator Qualification #14	EA	\$800.00
CT643 Resistivity and pH	EA	\$135.00
CT550 Surface Abrasion of Concrete	EA	\$535.00
CT534 Water Retention, Liq Curing Cmpnd	EA	\$570.00
CT531 Length of Drilled Concrete Cores	EA	\$65.00
CT524 RSC Flexural Strength, Beam	EA	\$125.00
CT523 Concrete Flexural Strength, Beam	EA	\$125.00
CT521 Concrete Cyl Compressive Strength	EA	\$40.00
CT521 Compressive Strength LCB	EA	\$40.00
CT 52-1-08C Slip Test	EA	\$205.00
CT515 Relative Mortar Strength, PCC Sand	EA	\$800.00
CT422 Chloride Content	EA	\$115.00
CT417 Soluble Sulfates	EA	\$135.00

CT382 Ignition Oven Correction Factor	EA	\$405.00
CT382 Asphalt Content by Ignition	EA	\$255.00
CT379 Asphalt Content Nuclear Guage	EA	\$275.00
CT371 Tensile Strength Ratio	EA	\$1,470.00
CT370 Moisture Content by Microwave	EA	\$110.00
CT366 Stabilometer Value	EA	\$255.00
CT309 Maximum Theoretical Density	EA	\$205.00
CT308(C) Core Density SSD	EA	\$55.00
CT308(C)/366 Stability and Density	EA	\$375.00
CT308(A) Core Density Paraffin Coated	EA	\$55.00
CT308(A)/366 Stability and Density	EA	\$440.00
CT305 Swell of Bituminous Mixtures	EA	\$470.00
CT304/308(A) LTMD Kneading Compactor	EA	\$375.00
CT303 Approximate Bitumen Ratio	EA	\$335.00
CT302 Film Stripping	EA	\$225.00
CT301 Resistance R-Value Stabilometer	EA	\$390.00
CT235 Flat and Elongated Particles	EA	\$290.00
CT234 Angularity & Voids, Fine Agg	EA	\$265.00
CT229 Durability Index	EA	\$405.00
CT 227 Cleaness Value	EA	\$390.00
CT226 Moisture Content by Oven Drying	EA	\$45.00
CT217 Sand Equivalent	EA	\$170.00
CT 216 CA Impact Max Density	EA	\$265.00
CT216 CA Impact, Rock Correction	EA	\$65.00
CT214 Soundness by Sodium Sulfate	EA	\$510.00
CT213 Organic Impurities In Sand	EA	\$135.00
CT211 Abrasion, Los Angeles Rattler	EA	\$335.00
CT209 Specific Gravity of Soil	EA	\$275.00
CT208 Apparent Specific Gravity of Fines	EA	\$275.00
CT207 Specific Gravity, Fine Aggregate	EA	\$225.00
CT206 Specific Gravity, Coarse Aggregate	EA	\$185.00
CT205 Percentage Crushed Particles	EA	\$205.00
CT204 Plasticity Index, Atterberg	EA	\$305.00
CT202 Sieve Analysis, Fine Agg	EA	\$190.00
CT202 Sieve Analysis, Combined Agg	EA	\$245.00
CT202 Sieve Analysis, Coarse Agg	EA	\$185.00

Laboratory Tests – Asphalt

Product Name	Units	Rate (\$)
ASTM D6927 Marshal Stability and Flow	EA	\$375.00
ASTM D6926 Lab Max Density Marshall	EA	\$335.00
ASTM D6307 Ignition Oven Callbration	EA	\$405.00
ASTM D6307 Asphalt Content by Ignition	EA	\$195.00
ASTM D5444 Gradation of Extracted Agg	EA	\$175.00

ASTM D4125 Asphalt Content Nuclear Guuge	EA	\$335.00
ASTM D3910 Wet Track Abrasion	EA	\$205.00
ASTM D2726 Core Density (SSD)	EA	\$65.00
ASTM D244 Emulsion Sieve Analysis	EA	\$165.00
ASTM D244 Emulsion Residue Evaporation	EA	\$240.00
ASTM D2172 Asphalt Content by Solvents	EA	\$375.00
ASTM D2041 Maximum Theoretical Density	EA	\$265.00
ASTM D1561 LTMD Kneading Compactor	EA	\$355.00
ASTM D1560 Hveem Stability and Density	EA	\$440.00
ASTM D1560 Hveem Stability	EA	\$305.00
ASTM D1188 Core Density Parafilm Coated	EA	\$75.00
AASHTO T324 Hamburg Wheel Tracking Test	EA	\$1,100.00
AASHTO T324 Hamburg Wheel Tracking - RHMA	EA	\$1,100.00
AASHTO T312/T275 LTMD Gyratory Compactor	EA	\$440.00
AASHTO T312/T275 LTMD Gyratory Comp.- RHMA	EA	\$440.00
AASHTO T308 Asphalt Content by Ignition	EA	\$255.00
AASHTO T308A AC Correction Factor	EA	\$470.00
AASHTO T283 Tensile Strength Ratio - RHMA	EA	\$1,050.00
AASHTO T283 Tensile Strength Ratio	EA	\$1,050.00
AASHTO T275 Core Denisty Paraffin Coated	EA	\$80.00
AASHTO T209 Theoretical Maximum Density	EA	\$265.00

Laboratory Tests - Aggregates

Product Name	Units	Rate (\$)
ASTM D5821 Percent Fractured Particles	EA	\$205.00
ASTM D4791 Flat & Elongated Particles	EA	\$275.00
ASTM D2419 Sand Equivalent	EA	\$120.00
ASTM C88 Soundness by Sodium Sulfate	EA	\$535.00
ASTM C566 Moisture Content by Drying	EA	\$35.00
ASTM C535, Abrasion Large Aggregate	EA	\$335.00
ASTM C40 Organic Impurities in Fine Agg	EA	\$135.00
ASTM C289 Alkali-Silica Reactivity	EA	\$670.00
ASTM C142 Clay Lumps & Friable Particles	EA	\$260.00
ASTM C136 Sieve Analysis, Fine Agg	EA	\$205.00
ASTM C136 Sieve Analysis, Combined Agg	EA	\$240.00
ASTM C136 Sieve Analysis, Coarse Agg	EA	\$205.00
ASTM C131 Abrasion, Los Angeles Rattler	EA	\$335.00
ASTM C128 Specific Gravity, Fine Agg	EA	\$240.00
ASTM C127 Specific Gravity, Coarse Agg	EA	\$205.00
ASTM C1252 Angularity & Voids, Fine Agg	EA	\$240.00
ASTM C123 Percent Lightweight Particles	EA	\$275.00
ASTM C117 Materials Finer than No. 200	EA	\$140.00
AASHTO T96 Abrasion, Los Angeles Rattler	EA	\$335.00
AASHTO T85 Specific Gravity, Coarse Agg	EA	\$205.00



AASHTO T84 Specific Gravity, Fine Agg	EA	\$240.00
AASHTO T335 Percent Fractured Particles	EA	\$205.00
AASHTO T304 Angularity & Voids in Fines	EA	\$225.00
AASHTO T27 Sieve Analysis, Fine Agg	EA	\$205.00
AASHTO T27 Sieve Analysis, Combined Agg	EA	\$240.00
AASHTO T27 Sieve Analysis, Coarse Agg	EA	\$185.00
AASHTO T176 Sand Equivalent	EA	\$170.00

Equipment Charges

Product Name	Units	Rate (\$)
VOC Meter	DAY	\$100.00
Ultrasonic Test Unit and Consumables	DAY	\$50.00
Torque Wrench	DAY	\$50.00
Stationary Laboratory Trailer & Testing Equipment	MO	\$700.00
Skidmore	DAY	\$50.00
Set of Aerial Photographs	HR	Quote
Schmidt Hammer	DAY	\$50.00
Rotary Wash Drill Rig with Operator	HR	\$650.00
Proof Load Testing Equipment	DAY	\$100.00
Portable Drilling Equipment w/ Operator	HR	\$450.00
Portable Drilling Equipment	HR	\$450.00
Per Diem	DAY	\$100.00
Nuclear Density Test Gauge	DAY	\$25.00
Mobile Laboratory Trailer Mobilization	EA	\$500.00
Mobile Laboratory Trailer & Testing Equipment	DAY	\$500.00
Misc Subconsultant	HR	Quote
Misc Permits	LS	Quote
Mini Environmental Quality Meter	DAY	\$300.00
Mileage	MILE	Quote
Materials / Supplies	HR	Quote
Magnetic Particle Test Unit	DAY	\$50.00
Inertial Profiler	DAY	\$1,800.00
Hollow Stem Auger Drill Rig w/ Operator	HR	\$675.00
Holiday Tester	DAY	\$100.00
Hand Held Turbidity Meter	DAY	\$20.00
Dutch Cone Penetrometer with Operator	HR	\$475.00
Drilling Equip Mobilization / De-Mob	EA	\$800.00
Diamond Bit Core Rig and Generator	DAY	\$300.00
Bucket Auger Drill Rig with Operator	HR	\$575.00
Blueprinting	HR	Quote
ASTM C1028 Coefficient of Friction	DAY	\$400.00
Air Rotary Drill Rig with Operator	HR	\$600.00



General Charges

- RMA Group requires twenty-four (24) hour prior notification for scheduling inspectors and/or technicians.
- Inspection charges start at the scheduled show up time at the job site. All inspection hours will be billed in the following increments:
 - There will be a minimum two (2) hour charge for any RMA Group employee presence on site.
 - Any time less than four (4) hours of work will be billed as four (4) hours.
 - Four (4) to eight (8) hours will be billed as eight (8) hours.
- When personnel are required to work in excess of 5 hours without an uninterrupted meal period of 30 minutes, due to project constraints, ½ hour will be charged at double time rates in addition to any applicable hours worked.
- Administrative/clerical support will be charged at 5% of the monthly direct charges cost
- Certified Payroll Reports will be prepared upon request. There will be a \$75.00 charge for each certified payroll report.
- Outside services will be billed at cost.
- Requests made by client for management attendance at meetings at the project site will be charged at standard rate.

Overtime Charges (Must be pre-approved by the Construction Officer)

- Work performed in excess of 8 hours per day and/or up to eight (8) hours on Saturdays will be billed at 1.5 times the unit rate.
- Work performed on Sunday, recognized holidays, or in excess of eight (8) hours on Saturdays will be billed at 2.0 times the unit rate.
- A 20% surcharge will be applied for laboratory tests performed on a Saturday or Sunday.

Per Diem and Travel Charges (Must be pre-approved by the Construction Officer)

- An \$85.00 charge per day will be applied when our personnel are required to stay overnight at remote locations.
- Time will be billed at the unit rate while traveling to a remote location or if a location requires an overnight stay

Night Work (Must be pre-approved by the Construction Officer)

- A \$10.00 per hour surcharge will be added to all personnel rates for work performed during night shifts.