

First

Amendment to Master Consultant Agreement – RWF Capital Projects

Second

Consultants Name: Consolidated Engineering Laboratories

Third

(CPMS Contract No. 8753-3)
(Master Agreement AC No. 29374)

This Amendment to the Master Agreement is made and entered into this ___day of _____. The City and the Consultant amend the above-referenced agreement as set forth herein.

-
1. Capitalized words in this Amendment have the same meaning as in the Master Agreement.
 2. The provisions of this Master Agreement (including any previous amendments) not modified by this Amendment remain in full force and effect.
 3. The provisions of this Amendment are effective upon execution of the Amendment by both parties.

4. **Agreement Term:** Section 2 is amended to extend the expiration date from ___12/31/2023___ to ___12/31/2026___.

5. **Maximum Total Compensation:** Subsection 10.1 is amended to Increase Decrease the Maximum Total Compensation from \$_____ to \$_____.

6. **Agreement Section(s):** Section(s) ___2___ is/are amended to read as set forth in Attachment A of the Amendment.

7. **Basis of Compensation – Exhibit B:** The original First Revised Second Revised Exhibit B is amended to read as set forth in the attached First Second Third Revised Exhibit B, which is incorporated by reference into this Amendment.

This Amendment is executed by the authorized representatives of the City and Consultant as follows:

City of San José

Consultant

By

By

Name: **Toni J. Taber**
Title: City Clerk

Name: Gary M. Cappa
Title: President/CEO

Approval as to Form (City Attorney):

Form Approved by the Office of the City Attorney.

(Maximum Total Compensation, as amended, is \$100,000 or less,
and the provisions of the form are not altered.)

By

Approved as to Form:

By:

Name: Charlie Brice
Title: CFO

Name: Rosalía Burgueño Tapia
Title: Sr. Deputy City Attorney

First

Second

Third

Attachment A

Agreement Provision Amendment(s)

This Attachment A is an attachment to the First Second Third amendment to Master Agreement.

The Section(s) set forth in the original Master Agreement, or in any previous amendment to the original Master Agreement, is/are amended as follows:

2. Agreement Term

The term of this master agreement is from the contract date to December 31, 2026, inclusive, unless terminated earlier pursuant to Section 19 below.

First

Second

Revised Exhibit B: Basis of Compensation

Third

This revised Exhibit B is an attachment to the First Second Third amendment to Master Agreement.

The basis of compensation set forth in the original Exhibit B, or in any previous amendment to the original Exhibit B, is amended as follows:

Effective January 1, 2024: **Hourly rates for field inspections increased. Rate increases are aligned with prevailing wage increases for 2024, 2025, and 2026. See updated fee schedule on following pages.**

**SAN JOSE - SANTA CLARA REGIONAL WASTE WATER FACILITIES CAPITAL IMPROVEMENTS - ESD #8753
2024 PUBLISHED FEE SCHEDULE
CONSTRUCTION INSPECTION AND MATERIALS TESTING**

Effective January 1, 2024 through December 31, 2026

	2024		2025		2026	
	UNIT RATE	UNIT	UNIT RATE	UNIT	UNIT RATE	UNIT
ENGINEERING SERVICES						
Principal/Principal Engineer	\$ 206.00	hour	\$ 212.18	hour	\$ 218.55	hour
Geotechnical Engineer	\$ 185.40	hour	\$ 190.96	hour	\$ 196.69	hour
Senior Engineer	\$ 185.40	hour	\$ 190.96	hour	\$ 196.69	hour
Project Engineer/Geologist	\$ 154.50	hour	\$ 159.14	hour	\$ 163.91	hour
Staff Engineer/Project Manager	\$ 133.90	hour	\$ 137.92	hour	\$ 142.05	hour
Assistant Engineer	\$ 123.60	hour	\$ 127.31	hour	\$ 131.13	hour
Safety Manager	\$ 154.50	hour	\$ 159.14	hour	\$ 163.91	hour
Field Supervisor	\$ 123.60	hour	\$ 127.31	hour	\$ 131.13	hour
Safety Confined Space Extraction & Rescue (2 Person Crew)	\$ 252.35	hour	\$ 259.92	hour	\$ 267.72	hour
INSPECTION SERVICES						
ICC/AWS Inspector with NDT Equipment	\$ 105.58	hour	\$ 108.74	hour	\$ 112.00	hour
ICC/AWS Inspector (Visual Only)	\$ 100.94	hour	\$ 103.97	hour	\$ 107.09	hour
ICC Certified Inspector (Special Inspector)	\$ 100.94	hour	\$ 103.97	hour	\$ 107.09	hour
Proofload Testing/Anchor Installation Inspector	\$ 100.94	hour	\$ 103.97	hour	\$ 107.09	hour
Waterproofing	\$ 100.94	hour	\$ 103.97	hour	\$ 107.09	hour
Mechanical	\$ 105.06	hour	\$ 108.21	hour	\$ 111.46	hour
Electrical	\$ 108.15	hour	\$ 111.39	hour	\$ 114.74	hour
Plumbing Inspector	\$ 108.15	hour	\$ 111.39	hour	\$ 114.74	hour
Smoke Control & Systems	\$ 100.94	hour	\$ 103.97	hour	\$ 107.09	hour
OSHPD IFC Premier Certified Firestop Inspector	\$ 113.30	hour	\$ 116.70	hour	\$ 120.20	hour
Soils Inspector with Nuclear Gauge	\$ 100.94	hour	\$ 103.97	hour	\$ 107.09	hour
SPECIALIZED SERVICES						
Pachometer	\$ 113.30	hour	\$ 116.70	hour	\$ 120.20	hour
In-Place Brick Shear Tests (Masonry) - Two-Person Crew (4-hour minimum)	\$ 200.85	hour	\$ 206.88	hour	\$ 213.08	hour
Ground Penetrating Radar (GPR)						
- One Man Crew	\$ 200.85	hour	\$ 206.88	hour	\$ 213.08	hour
- Two Man Crew	\$ 298.70	hour	\$ 307.66	hour	\$ 316.89	hour
Floor Flatness Testing:						
- Surveying/Inspection	\$ 164.80	hour	\$ 169.74	hour	\$ 174.84	hour
Phased Array Technician	\$ 128.75	hour	\$ 132.61	hour	\$ 136.59	hour
Profileograph Technician	\$ 128.75	hour	\$ 132.61	hour	\$ 136.59	hour
Profileograph Equipment	Quotation on Request		Quotation on Request		Quotation on Request	
CORING SERVICES						
Coring Machine Operator	\$ 139.05	hour	\$ 143.22	hour	\$ 147.52	hour
Helper (add per hour)	\$ 92.70	hour	\$ 95.48	hour	\$ 98.35	hour
Diamond Drill Bit Charges, per inch to 5"	\$ 6.18	inch	\$ 6.37	inch	\$ 6.56	inch
Diamond Drill Bit Charges, per inch 6" and over	Quotation on Request		Quotation on Request		Quotation on Request	
CONCRETE						
Concrete Mix Design Review	\$ 257.50	each	\$ 265.23	each	\$ 273.18	each
Trial Batches, Prepared in Laboratory C192	\$ 927.00	each	\$ 954.81	each	\$ 983.45	each
Length Change of Concrete (Shrinkage), set of 3, ASTM C157, CT 530	\$ 432.60	each	\$ 445.58	each	\$ 458.95	each
Compression, 6X12 Cylinders, ASTM C 39, CT 521	\$ 36.05	each	\$ 37.13	each	\$ 38.25	each
Compression 4x8 Cylinders ASTM C 39	\$ 36.05	each	\$ 37.13	each	\$ 38.25	each
Compression, Core (including end preparation), ASTM C 42	\$ 103.00	each	\$ 106.09	each	\$ 109.27	each
Compression, 3X6 Cylinders Lightweight Insulating Concrete, ASTM C 495	\$ 66.95	each	\$ 68.96	each	\$ 71.03	each
Grout Compression, 2X2 Cubes, each age, ASTM C 109	\$ 51.50	each	\$ 53.05	each	\$ 54.64	each
Epoxy Grout 2x2 Cube Compression ASTM C 579	\$ 36.05	each	\$ 37.13	each	\$ 38.25	each
Cylinders, Stored 60 days (hold cylinders)	\$ 36.05	each	\$ 37.13	each	\$ 38.25	each
Splitting Tensile Strength, 6X12 Cylinders, ASTM C 496	\$ 129.78	each	\$ 133.67	each	\$ 137.68	each
Unit Weight of Concrete Cylinders, ASTM C 567	\$ 86.52	each	\$ 89.12	each	\$ 91.79	each
Unit Weight of Lightweight Insulating Concrete, ASTM C 495	\$ 86.52	each	\$ 89.12	each	\$ 91.79	each
Compression Test of Lightweight Insulating Concrete, ASTM C 495	\$ 86.52	each	\$ 89.12	each	\$ 91.79	each
Flexural Strength of Concrete, ASTM C 78	\$ 205.49	each	\$ 211.65	each	\$ 218.00	each
Shotcrete Pre-Production Panel Evaluation, Up to 12" Thick	\$ 1,236.00	each	\$ 1,273.08	each	\$ 1,311.27	each
Shotcrete Pre-Production Panel Evaluation, 12" to 24" Thick	\$ 1,854.00	each	\$ 1,909.62	each	\$ 1,966.91	each

**SAN JOSE - SANTA CLARA REGIONAL WASTE WATER FACILITIES CAPITAL IMPROVEMENTS - ESD #8753
2024 PUBLISHED FEE SCHEDULE
CONSTRUCTION INSPECTION AND MATERIALS TESTING**

Effective January 1, 2024 through December 31, 2026

	2024		2025		2026	
Shotcrete Panel Core Compression Test, ASTM C 42	\$ 113.30	each	\$ 116.70	each	\$ 120.20	each
Chloride Ion Content, AASHTO T260	\$ 216.30	each	\$ 222.79	each	\$ 229.47	each
SOIL MECHANICS	UNIT RATE	UNIT	UNIT RATE	UNIT	UNIT RATE	UNIT
Moisture/Density Curve						
Standard Proctor ASTM D 698	\$ 309.00	each	\$ 318.27	each	\$ 327.82	each
Modified Proctor ASTM D 1557	\$ 309.00	each	\$ 318.27	each	\$ 327.82	each
Checkpoint (ASTM or Caltrans)	\$ 149.35	each	\$ 153.83	each	\$ 158.45	each
California Impact, CT 216	\$ 319.30	each	\$ 328.88	each	\$ 338.75	each
Rock Correction for Oversize Material, ASTM D4718/CT216	\$ 103.00	each	\$ 106.09	each	\$ 109.27	each
Sieve Analysis						
Bulk Sample Gradation, ASTM C 136/C117/CT202	\$ 185.40	each	\$ 190.96	each	\$ 196.69	each
Material Finer than #200 Sieve, ASTM C 117	\$ 97.85	each	\$ 100.79	each	\$ 103.81	each
Soil Mechanics						
"R" Value, ASTM D 2844/CT 301	\$ 412.00	each	\$ 424.36	each	\$ 437.09	each
Sand Equivalent, ASTM D 2419/CT 217	\$ 113.30	each	\$ 116.70	each	\$ 120.20	each
Liquid Limit, Plastic Limit, & P.I. Atterberg Limits ASTM D4318	\$ 154.50	each	\$ 159.14	each	\$ 163.91	each
California Bearing Ratio, 1 pt. (ASTM D1883)	\$ 257.50	each	\$ 265.23	each	\$ 273.18	each
California Bearing Ratio, 3 pt. (ASTM D1883)	\$ 721.00	each	\$ 742.63	each	\$ 764.91	each
California Bearing Ratio, 3 pt. (ASTM D1883) w/ 96 hour soak	\$ 824.00	each	\$ 848.72	each	\$ 874.18	each
Moisture-Density Sample Tubes ASTM D2937	\$ 66.95	each	\$ 68.96	each	\$ 71.03	each
AGGREGATES	UNIT RATE	UNIT	UNIT RATE	UNIT	UNIT RATE	UNIT
Sieve Analysis, Bulk Sample Gradation (Coarse & Fine), ASTM C136/C117/CT202	\$ 185.40	each	\$ 190.96	each	\$ 196.69	each
Sieve Analysis, Material Finer than #200 Sieve, ASTM C 117/CT202	\$ 87.55	each	\$ 90.18	each	\$ 92.88	each
Sieve Analysis, Coarse Agg (3" to #4), ASTM C136/CT202	\$ 164.80	each	\$ 169.74	each	\$ 174.84	each
Sieve Analysis, Fine Agg (#4 to #200), ASTM C136/CT202	\$ 164.80	each	\$ 169.74	each	\$ 174.84	each
Specific Gravity (Coarse), ASTM C 127/CT 206	\$ 133.90	each	\$ 137.92	each	\$ 142.05	each
Specific Gravity (Fine), ASTM C 128/CT 207	\$ 154.50	each	\$ 159.14	each	\$ 163.91	each
Absorption, Coarse Agg or Fine Agg , ASTM C 127/ASTM C 128	\$ 103.00	each	\$ 106.09	each	\$ 109.27	each
Organic Impurities in Concrete Sand, ASTM C 40/ CT213	\$ 103.00	each	\$ 106.09	each	\$ 109.27	each
L.A. Rattler, ASTM C 131 or C535/CT 211 (500 rev)	\$ 257.50	each	\$ 265.23	each	\$ 273.18	each
Clay Lumps & Friable Particles ASTM C142	\$ 154.50	each	\$ 159.14	each	\$ 163.91	each
Fractured Particles in Coarse Agg ASTM D5821	\$ 169.95	each	\$ 175.05	each	\$ 180.30	each
Lightweight Particles in Aggregate ASTM C123	\$ 133.90	each	\$ 137.92	each	\$ 142.05	each
Staining of Lightweight Aggregate ASTM C641	\$ 257.50	each	\$ 265.23	each	\$ 273.18	each
Sulfate Soundness (per sieve size), ASTM C 88	\$ 128.75	each	\$ 132.61	each	\$ 136.59	each
Unit Weight of Aggregates, ASTM C 29	\$ 103.00	each	\$ 106.09	each	\$ 109.27	each
% Crushed Particles, CT 205	\$ 257.50	each	\$ 265.23	each	\$ 273.18	each
Cleaness Value, CT 227	\$ 154.50	each	\$ 159.14	each	\$ 163.91	each
Sand Equivalent, ASTM D 2419/CT 217	\$ 133.90	each	\$ 137.92	each	\$ 142.05	each
Durability Index (Coarse or Fine Agg) ASTM D 3744/CT 229	\$ 185.40	each	\$ 190.96	each	\$ 196.69	each
Moisture Content of Aggregate ASTM C566	\$ 51.50	each	\$ 53.05	each	\$ 54.64	each
Potential Alkali Reactivity of Aggregates ASTM C1260	\$ 978.50	each	\$ 1,007.86	each	\$ 1,038.09	each
C33 Coarse Aggregate Qualification Testing (ASTM C33)	\$ 3,090.00	each	\$ 3,182.70	each	\$ 3,278.18	each
C33 Fine Aggregate Qualification Testing (ASTM C33)	\$ 2,781.00	each	\$ 2,864.43	each	\$ 2,950.36	each
HOT MIX ASPHALT (HMA)	UNIT RATE	UNIT	UNIT RATE	UNIT	UNIT RATE	UNIT
Bulk Sp. Gravity of Compacted HMA (Plant Mix) ASTM D2726/ CT 304, CT308	\$ 103.00	each	\$ 106.09	each	\$ 109.27	each
Bulk Sp. Gravity of Compacted HMA (Lab Mix) ASTM D2726/ CT 304, CT308	\$ 97.85	each	\$ 100.79	each	\$ 103.81	each
Theoretical Max Spec. Gravity (Rice Density) ASTM D2041/ CT 309	\$ 169.95	each	\$ 175.05	each	\$ 180.30	each
Stabilometer Value including Compaction, ASTM D1560/ CT 366, per point	\$ 169.95	each	\$ 175.05	each	\$ 180.30	each
Asphalt Content (Ignition Oven Method) ASTM D 6307/ CT382	\$ 154.50	each	\$ 159.14	each	\$ 163.91	each
Ignition Oven Calibration Factor ASTM D6307/ CT382	\$ 278.10	each	\$ 286.44	each	\$ 295.04	each
Asphalt Content (Solvent Extraction Method) ASTM D2172	\$ 257.50	each	\$ 265.23	each	\$ 273.18	each
Sieve Analysis of Extracted Aggregate, ASTM D5444/CT 202	\$ 175.10	each	\$ 180.35	each	\$ 185.76	each
Caltrans Complete HMA Tests (Rice or BSG, S-Value, Ignition, Extracted Gradation)	\$ 978.50	each	\$ 1,007.86	each	\$ 1,038.09	each
Marshall Compaction (Lab Mix), set of 3, ASTM D 6926	\$ 396.55	each	\$ 408.45	each	\$ 420.70	each
Marshall Compaction (Plant Mix), set of 3, ASTM D 6926	\$ 278.10	each	\$ 286.44	each	\$ 295.04	each

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Effective January 1, 2024 through December 31, 2026

	2024		2025		2026	
Marshall Flow and Stability, per point, ASTM D 6926	\$	87.55 each	\$	90.18 each	\$	92.88 each
Effect of Moisture on AC (Tensile Strength Ratio) ASTM D4867/ CT 371	\$	1,854.00 each	\$	1,909.62 each	\$	1,966.91 each
Swell of Bituminous Mixtures, CT 304/305	\$	231.75 each	\$	238.70 each	\$	245.86 each
ASPHALTIC CEMENT	UNIT RATE	UNIT	UNIT RATE	UNIT	UNIT RATE	UNIT
Penetration of Bituminous Materials at 77°F, ASTM D5/AASHTO T49	\$	73.13 each	\$	75.32 each	\$	77.58 each
Penetration of Bituminous Materials at 32°F to 158°F, ASTM D 5/AASHTO T49	\$	108.15 each	\$	111.39 each	\$	114.74 each
Kinematic Viscosity of Asphalt, ASTM D 2170/AASHTO T201	\$	175.10 each	\$	180.35 each	\$	185.76 each
Absolute Viscosity of Asphalt, ASTM D2170/AASHTO T201	\$	175.10 each	\$	180.35 each	\$	185.76 each
Viscosity (Asphalt Institute Method)	\$	200.85 each	\$	206.88 each	\$	213.08 each
Rolling Thin Film Test, ASTM 2872/Cal 346/AASHTO T240	\$	185.40 each	\$	190.96 each	\$	196.69 each
Residue by Evaporation, ASTM D244/AASHTO T59	\$	226.60 each	\$	233.40 each	\$	240.40 each
Extraction and Recovery, ASTM D2172/ASTM D 1856	\$	875.50 each	\$	901.77 each	\$	928.82 each
MASONRY	UNIT RATE	UNIT	UNIT RATE	UNIT	UNIT RATE	UNIT
Concrete Blocks						
Compression, Gross Area, ASTM C 140	\$	118.97 each	\$	122.53 each	\$	126.21 each
Compression, Gross Area, Unusual Shape, ASTM C 67	\$	118.97 each	\$	122.53 each	\$	126.21 each
Compression, Net Area, ASTM C 140	\$	108.15 each	\$	111.39 each	\$	114.74 each
Absorption and Moisture, ASTM C 140	\$	162.23 each	\$	167.09 each	\$	172.10 each
Linear Shrinkage ASTM C 426	\$	173.04 each	\$	178.23 each	\$	183.58 each
Dimensional Measurement of Masonry Units ASTM C 140	\$	70.30 each	\$	72.41 each	\$	74.58 each
Bricks						
Absorption, with saturation Coefficient, ASTM C 67	\$	118.97 each	\$	122.53 each	\$	126.21 each
Compression, ASTM C 67	\$	91.93 each	\$	94.69 each	\$	97.53 each
Modulus of Rupture, ASTM C 67	\$	43.26 each	\$	44.56 each	\$	45.89 each
Grout						
Compression, Grout Prisms, ASTM C 1019	\$	66.95 each	\$	68.96 each	\$	71.03 each
Compression, Mortar Cylinders, ASTM C 780	\$	56.65 each	\$	58.35 each	\$	60.10 each
Compression, Composite Prisms, ASTM C 1314	\$	164.80 each	\$	169.74 each	\$	174.84 each
Compression, Masonry Core, ASTM C 140	\$	108.15 each	\$	111.39 each	\$	114.74 each
Shear, Masonry Core, CCR Title 24	\$	123.60 each	\$	127.31 each	\$	131.13 each
REINFORCING STEEL - ASTM A 615/A706	UNIT RATE	UNIT	UNIT RATE	UNIT	UNIT RATE	UNIT
Tensile Strength and Bend Test						
Samples, Size #3 - #10	\$	97.85 each	\$	100.79 each	\$	103.81 each
Samples, Size #11	\$	118.45 each	\$	122.00 each	\$	125.66 each
Samples, Size #14	\$	216.30 each	\$	222.79 each	\$	229.47 each
Samples, Size #18 (Full Section)	\$	489.25 each	\$	503.93 each	\$	519.05 each
PRESTRESSING STEEL - ASTM A 416	UNIT RATE	UNIT	UNIT RATE	UNIT	UNIT RATE	UNIT
Uncoated 7 Wire Strand, 1/4" to 1/2"						
Yield Strength, Breaking Strength, and Elongation (Note: for Vinyl Coated Strands, add \$ 45.00 per test; for Modulus of Elasticity, add \$ 45.00 per test)	\$	309.00 each	\$	318.27 each	\$	327.82 each
Breaking Strength Only	\$	200.85 each	\$	206.88 each	\$	213.08 each
STRUCTURAL STEEL (mild steel not over one inch thick)	UNIT RATE	UNIT	UNIT RATE	UNIT	UNIT RATE	UNIT
Tensile Strength, ASTM A 370 (test only)						
Samples, Under 1-1/2 square inch in cross section	\$	146.00 each	\$	150.38 each	\$	154.89 each
Samples, 1-1/2 square inch and over in cross section	\$	200.08 each	\$	206.08 each	\$	212.26 each
Chemical Analysis	\$	216.30 each	\$	222.79 each	\$	229.47 each
Bending	\$	91.93 each	\$	94.69 each	\$	97.53 each
Anchor Bolts, ASTM F1554, tensile	\$	216.30 each	\$	222.79 each	\$	229.47 each
High Strength Bolts, Nuts, and Washers, ASTM A 325, A 490, A 449						
Bolt Assembly Test	\$	281.19 each	\$	289.63 each	\$	298.31 each
Bolts Proof Load and Ultimate	\$	118.97 each	\$	122.53 each	\$	126.21 each
Nuts Proof Load	\$	64.89 each	\$	66.84 each	\$	68.84 each
Hardness (Rockwell)	\$	32.45 each	\$	33.42 each	\$	34.42 each
WELDMENT TESTING (mild steel not over one inch thick)	UNIT RATE	UNIT	UNIT RATE	UNIT	UNIT RATE	UNIT
Transverse Tensile	\$	139.05 each	\$	143.22 each	\$	147.52 each
Transverse Side Bend	\$	103.00 each	\$	106.09 each	\$	109.27 each

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	2024		2025		2026	
Transverse Root and Face Bend	\$ 103.00	each	\$ 106.09	each	\$ 109.27	each
Macroetch	\$ 103.00	each	\$ 106.09	each	\$ 109.27	each
0.505" Tensile Specimen	\$ 139.05	each	\$ 143.22	each	\$ 147.52	each
Charpy V-Notch Specimen	Quotation on Request		Quotation on Request		Quotation on Request	
Preparation of WPS, PQR, or Welder Certificate	\$ 128.75	each	\$ 132.61	each	\$ 136.59	each
NONDESTRUCTIVE TESTING	UNIT RATE	UNIT	UNIT RATE	UNIT	UNIT RATE	UNIT
Radiography						
Radiographic Testing-Weld Procedure Qualification (physical testing not included)	\$ 566.50	each	\$ 583.50	each	\$ 601.00	each
Consultation	\$ 133.90	hour	\$ 137.92	hour	\$ 142.05	hour
One-Person Crew	\$ 133.90	hour	\$ 137.92	hour	\$ 142.05	hour
Film	\$ 20.60	each	\$ 21.22	each	\$ 21.85	each
Magnetic Particle Level III (ASNT)	\$ 133.90	hour	\$ 137.92	hour	\$ 142.05	hour
Magnetic Particle Level II (ASNT)	\$ 105.58	hour	\$ 108.74	hour	\$ 112.00	hour
Ultrasonic Level III (ASNT)	\$ 133.90	hour	\$ 137.92	hour	\$ 142.05	hour
Ultrasonic Level II (ASNT)	\$ 110.73	hour	\$ 114.05	hour	\$ 117.47	hour
Dye Penetrant Level III (ASNT)	\$ 133.90	hour	\$ 137.92	hour	\$ 142.05	hour
Dye Penetrant Level II (ASNT)	\$ 105.58	hour	\$ 108.74	hour	\$ 112.00	hour
ROOFING	UNIT RATE	UNIT	UNIT RATE	UNIT	UNIT RATE	UNIT
Ply Count and Asphalt by Difference, ASTM D 2829	\$ 154.50	each	\$ 159.14	each	\$ 163.91	each
Weight Analysis, ASTM D 2829	\$ 82.40	each	\$ 84.87	each	\$ 87.42	each
FIREPROOFING	UNIT RATE	UNIT	UNIT RATE	UNIT	UNIT RATE	UNIT
Density of Sprayed on Fireproofing, ASTM E 605/UBC 43-8	\$ 77.25	each	\$ 79.57	each	\$ 81.95	each
Cohesion/Adhesion, ASTM E 736	\$ 77.25	each	\$ 79.57	each	\$ 81.95	each
FIRE/LIFE SAFETY SYSTEMS	UNIT RATE	UNIT	UNIT RATE	UNIT	UNIT RATE	UNIT
Fire/Life Safety Systems Inspection	\$ 111.24	hour	\$ 114.58	hour	\$ 118.01	hour
Mechanical Engineer	\$ 252.35	hour	\$ 259.92	hour	\$ 267.72	hour
Staff Engineer	\$ 185.40	hour	\$ 190.96	hour	\$ 196.69	hour
Final Affidavit (Request 6 Working Days Advance Notice)	\$ 515.00	each	\$ 530.45	each	\$ 546.36	each
GEOTEXTILE FABRIC	UNIT RATE	UNIT	UNIT RATE	UNIT	UNIT RATE	UNIT
Tensile Strength by Grab Method	\$ 381.10	each	\$ 392.53	each	\$ 404.31	each
Puncture Resistance, Index, ASTM D 4833	\$ 261.62	each	\$ 269.47	each	\$ 277.55	each
Trapezoidal Tear	\$ 289.43	each	\$ 298.11	each	\$ 307.06	each
Mass Per Unit Area, ASTM D 3776	\$ 193.64	each	\$ 199.45	each	\$ 205.43	each
Simulated Asphalt Retention, ASTM D 4830	\$ 476.89	each	\$ 491.20	each	\$ 505.93	each
Unit Weight Analysis, ASTM S 2329	\$ 82.40	each	\$ 84.87	each	\$ 87.42	each
Ply Count and Void Analysis, ASTM D 2329	\$ 154.50	each	\$ 159.14	each	\$ 163.91	each
CEMENT	UNIT RATE	UNIT	UNIT RATE	UNIT	UNIT RATE	UNIT
Storage of Grab Sample, 60 days	\$ 22.66	each	\$ 23.34	each	\$ 24.04	each
Cement Content of Hardened Concrete, ASTM C 1084	\$ 2,533.80	each	\$ 2,609.81	each	\$ 2,688.11	each
GFRC PANEL TEST	UNIT RATE	UNIT	UNIT RATE	UNIT	UNIT RATE	UNIT
Flexural Testing, per P.C.I Recommended Practice	\$ 73.13	each	\$ 75.32	each	\$ 77.58	each
Pullout Testing of Anchors, per P.C.I. Recommended Practice	\$ 119.48	each	\$ 123.06	each	\$ 126.76	each
Fiberwrap Testing (ASTM D3039)	\$ 628.30	set	\$ 647.15	set	\$ 666.56	set
SPECIALTY GEOTECHNICAL TESTING	UNIT RATE	UNIT	UNIT RATE	UNIT	UNIT RATE	UNIT
Sieve Analysis, Minus #200 by Wash ASTM D1140	\$ 82.40	each	\$ 84.87	each	\$ 87.42	each
Consolidation (ASTM D2435, D4546)	\$ 185.40	each	\$ 190.96	each	\$ 196.69	each
Time-Consolidation (ASTM D2435)	\$ 82.40	each	\$ 84.87	each	\$ 87.42	each
Collapse/Swell (ASTM D4546)	\$ 97.85	each	\$ 100.79	each	\$ 103.81	each
Unconfined Compressive Strength (ASTM D2166)	\$ 113.30	each	\$ 116.70	each	\$ 120.20	each
Direct Shear (3 pt.)	\$ 1,030.00	each	\$ 1,060.90	each	\$ 1,092.73	each
California Bearing Ratio, 1 pt. (ASTM D1883)	\$ 257.50	each	\$ 265.23	each	\$ 273.18	each
California Bearing Ratio, 3 pt. (ASTM D1883)	\$ 618.00	each	\$ 636.54	each	\$ 655.64	each
Water Soluble Sulfate	\$ 57.68	each	\$ 59.41	each	\$ 61.19	each
pH (ASTM D4972)	\$ 77.25	each	\$ 79.57	each	\$ 81.95	each
Lab Resistivity	\$ 95.79	each	\$ 98.66	each	\$ 101.62	each

**SAN JOSE - SANTA CLARA REGIONAL WASTE WATER FACILITIES CAPITAL IMPROVEMENTS - ESD #8753
2024 PUBLISHED FEE SCHEDULE
CONSTRUCTION INSPECTION AND MATERIALS TESTING**

Effective January 1, 2024 through December 31, 2026

	2024		2025		2026	
	UNIT RATE	UNIT	UNIT RATE	UNIT	UNIT RATE	UNIT
MISCELLANEOUS GEOTECHNICAL CHARGES						
All Other Direct Project Expenses	per MCA Section 10		per MCA Section 10		per MCA Section 10	
Clerical Services	\$ 80.34	hour	\$ 82.75	hour	\$ 85.23	hour
MISCELLANEOUS TESTS & INSPECTIONS						
Calibration of Hydraulic Rams	\$ 257.50	each	\$ 265.23	each	\$ 273.18	each
Universal Testing Machine with Technician	\$ 283.25	hour	\$ 291.75	hour	\$ 300.50	hour
Instron Testing Machine with Technician	\$ 283.25	hour	\$ 291.75	hour	\$ 300.50	hour
Windsor Test Probes	\$ 406.85	each	\$ 419.06	each	\$ 431.63	each
Weld Procedure Review	\$ 257.50	each	\$ 265.23	each	\$ 273.18	each
Expert Witness	\$ 3,090.00	day	\$ 3,182.70	day	\$ 3,278.18	day

BASIS OF CHARGES

The proposed unit rates will be in effect through December 31, 2026 per City of San Jose MCA 10.2.2.

	2024	2025	2026
Work from 0 to 4 Hours	4-Hour Minimum Billing	4-Hour Minimum Billing	4-Hour Minimum Billing
Work from 4 to 8 Hours	8-Hour Minimum Billing	8-Hour Minimum Billing	8-Hour Minimum Billing
Show-Up Time	2-Hour Minimum Billing	2-Hour Minimum Billing	2-Hour Minimum Billing
Sample Pick-Up	\$ 77.25 trip	\$ 79.57 trip	\$ 81.95 trip
Technician with Nuclear Gauge	Portal-to-Portal	Portal-to-Portal	Portal-to-Portal
Final Affidavit per each Applicable Permit (Request 6 working days in advance)	\$ 412.00 each	\$ 424.36 each	\$ 437.09 each
Extra Copies (Over 4 per Issue Date) of Inspection Reports and Final Affidavit Reports on CD	\$ 20.60 each	\$ 21.22 each	\$ 21.85 each
Project Engineering and Management/Admin Fee	\$ 154.50 each	\$ 159.14 each	\$ 163.91 each
Reimbursables (refer to MCA 10.2.3 Client Limits)	8% of Fees	8% of Fees	8% of Fees
QA/QC Plan Written Procedures	per MCA	per MCA	per MCA
Out of Area Services - Mileage and travel related expenses must conform to MCA 10.5.3	\$ 2,987.00 each	\$ 3,076.61 each	\$ 3,168.91 each
Travel Time (100 miles outside of city limits)	As Listed Below:	As Listed Below:	As Listed Below:
Mileage	per MCA	per MCA	per MCA
Per-diem, Including Lodging	per MCA	per MCA	per MCA
Outside Consultants	per MCA	per MCA	per MCA

Per amended Premium Pay allowance as noted in 10.2.1.

Work Over 8 Hours per Day	Time and One-Half	Time and One-Half	Time and One-Half
Work Over 12 Hours, Monday through Friday	Double Time	Double Time	Double Time
Work on Saturdays	Time and One-Half	Time and One-Half	Time and One-Half
Work Over 8 Hours on Saturday	Double Time	Double Time	Double Time
Work on Sundays/Holidays	Double Time	Double Time	Double Time
Swing or Graveyard Shift Premium	Additional \$10.00 per hour	Additional \$10.00 per hour	Additional \$10.00 per hour

Per MCA 10.2.3: In case of a discrepancy between Schedule of Rates and Charges and MCA, the MCA governs.