

**AMENDMENT NO. 1 TO
AGREEMENT FOR ARCHITECT-ENGINEER SERVICES FOR
GEOTECHNICAL ENGINEERING, MATERIALS TESTING, CONSTRUCTION
OBSERVATION AND INSPECTION SERVICES
PROJECT NO. P107**

This Amendment No. 1 ("Amendment") is made and entered into this _____ day of _____, 2020, by and between the County of Orange, a political subdivision of the State of California ("County"), through its department John Wayne Airport ("JWA"), and Kleinfelder ("A-E").

WHEREAS, on January 24, 2017, the County and A-E entered into an Architect-Engineer Agreement for the John Wayne Airport Geotechnical Engineering, Materials Testing, Construction Observation and Inspection Services in the not-to-exceed amount of \$990,000 (the "Agreement"); and

WHEREAS, the continuance of A-E services is needed to provide effective, efficient, and seamless support of JWA's Capital Improvements Program and other airport projects; and

WHEREAS, A-E wishes to continue to provide Geotechnical Engineering, Materials Testing, Construction Observation and Inspection Services under the terms of the Agreement as amended below.

NOW THEREFORE, the County and A-E agree as follows:

- I. The term of the Agreement shall be extended for two additional years, from January 23, 2020, to January 22, 2022, and the not-to-exceed amount shall be increased by \$660,000 to a total amended not-to-exceed amount of \$1,650,000.
- II. A-E's hourly rates shall be amended to the rates shown on Exhibit A attached hereto.
- III. All costs associated with JWA badging and SIDA requirements, training, and processing, including associated travel time, shall be the responsibility of the A-E and shall not be a reimbursable expense.
- IV. Except as specifically amended herein, all terms and conditions of the Agreement shall remain unchanged, in full force and effect.
- V. The foregoing is in accordance with the Agreement and subject to the following:
 1. The aforementioned changes, and work affected thereby, are subject to all Agreement stipulations and covenants; and
 2. All claims against the County which are incidental to or as a consequence of the aforementioned changes are fully satisfied and the Program Manager hereby releases the County from all said claims.

(Signature Page Follows.)

DATED: _____ COUNTY OF ORANGE

By _____
Chairwoman of the Board of Supervisors
County of Orange, California

SIGNED AND CERTIFIED THAT A COPY OF
THIS DOCUMENT HAS BEEN DELIVERED
TO THE CHAIR OF THE BOARD

Robin Stieler
Clerk of the Board of Supervisors
County of Orange, California

PROJECT MANAGER

By _____

Title _____

By _____

Title _____

APPROVED AS TO FORM:
COUNTY COUNSEL

By  _____
Deputy

Date 12.5.19 _____

PROFESSIONAL STAFF RATES*

Staff Professional	\$ 159/ hour
Project Professional	\$ 180/ hour
Principal Professional.....	\$ 210/ hour
Senior Principal Professional.....	\$ 231/ hour
Project Manager	\$ 195/ hour
Senior Project Manager.....	\$ 210/ hour
Designer/Drafter	\$ 122/ hour
Project Controls Professional	\$ 138/ hour

TECHNICAL STAFF RATES

Field Soils and Materials Tester (Group I)	\$ 142/ hour
Special Inspector (Group II).....	\$ 147/ hour
Non-Destructive Testing (Group III).....	\$ 147/ hour
Special Inspector (non-PW).....	\$ 110/ hour
Sample Pickup	\$ 79/ hour

ADMINISTRATIVE STAFF RATES

Administrator	\$ 89/ hour
Project Administrator	\$ 122/ hour

Minimum Charges for Office Time Per Day..... One Hour at Applicable Rate

Kleinfelder reserves the right to adjust the fee schedule on projects not completed within 180 days from the contract signature date.

Public works projects or projects receiving public funds may be subject to Prevailing Wage laws. The above rates do not apply to projects subject to prevailing wages. Hourly rates for those projects will be supplied separately.

* Applies to all professional rates including but not limited to civil, mechanical, chemical, electrical, geotechnical and environmental engineers; industrial hygienists; geologists; hydrogeologists; hydrologists; and computer specialists.

Hourly rates assume that other direct costs will be billed and reimbursed by the client. Kleinfelder reserves the right to adjust the fee schedule on projects where other direct costs are not reimbursed.

**KLEINFELDER FEE SCHEDULE FOR
GEOTECHNICAL and MATERIALS LABORATORY TESTING SERVICES
JOHN WAYNE AIRPORT 2016-2021**

SOIL TESTS

SOIL DENSITY TESTS				
Test	Standard Test Method[†]	Fee		
Standard Proctor, 4" Mold	D698, T99	\$	200.00	each
Standard Proctor, 6" Mold	D698, T99	\$	200.00	each
Modified Proctor, 4" Mold	D1557, T180	\$	200.00	each
Modified Proctor, 6" Mold	D1557, T180	\$	200.00	each
Proctor Check Point	T272	\$	125.00	each
Proctor Oversize Correction	D4718	\$	70.00	each
Treated Soil Proctor	D558	\$	300.00	each
Minimum and Maximum Relative Density	D4254, D4253	\$	400.00	each
Moisture/Density, TEX 113-E	TEX113-E	\$	275.00	each
Moisture/Density, TEX 114-E	TEX114-E	\$	275.00	each
California Impact, CTM 216, Dry Method	CTM216	\$	225.00	each
California Impact, CTM 216, Wet Method	CTM216	\$	195.00	each

SOIL CLASSIFICATION AND INDEX TESTS				
Test	Standard Test Method[†]	Fee		
Visual Classification	D2488	\$	20.00	each
Sieve Analysis, % Finer than 200 Sieve	D1140	\$	85.00	each
Sieve Analysis, Fine	D422, D6913, T88	\$	125.00	each
Sieve Analysis, Coarse	D422, D6913, T88	\$	125.00	each
Sieve Analysis, Coarse and Fine	D422, D6913, T88	\$	160.00	each
Hydrometer Analysis (<i>Requires a Sieve Analysis, not included</i>)	D422, D7928	\$	175.00	each
Water Content	D2216, D4363, T265	\$	25.00	each
Water Content and Dry Unit Weight	D2216, D2937, D7263	\$	45.00	each
Atterberg Limits, Single Point	D4318-B, T89, T90	\$	110.00	each
Atterberg Limits, Multiple Point	D4318-A, T89, T90	\$	170.00	each
Atterberg Limits, Liquid Limit Only	D4318, T90	\$	110.00	each
Soil Specific Gravity	D854, T100	\$	150.00	each
Soil Organic Content	D2974-C	\$	110.00	each
Pinhole Dispersion Classification	D4647	\$	400.00	each
Soil pH	D4972, G51	\$	60.00	each
Double Hydrometer for Dispersive Soils	D4221	\$	400.00	each
Soil Resistivity	G187	\$	160.00	each
Chloride Content		\$	60.00	each
Sulfate Content		\$	60.00	each
Thermal Resistivity, Per Point	D5334, IEEE 422	\$	315.00	each
Thermal Resistivity, Dry-Out Curve	D5334, IEEE 422	\$	925.00	each

SOIL BEARING PRESSURE TESTS				
Test	Standard Test Method[†]	Fee		
California Bearing Ratio, Single Point (<i>proctor not included</i>)	D1883, T193	\$	325.00	each
California Bearing Ratio, 3 Points (<i>proctor not included</i>)	D1883, T193	\$	550.00	each

[†]Common ASTM, AASHTO and DOT test methods.

- Those beginning with A, B, C, D, E, F, or G are ASTM methods.
- Those beginning with T are AASHTO methods.

**KLEINFELDER FEE SCHEDULE FOR
GEOTECHNICAL and MATERIALS LABORATORY TESTING SERVICES
JOHN WAYNE AIRPORT 2016-2021**

SOIL TESTS (continued)

SOIL BEARING PRESSURE TESTS (continued)				
Test	Standard Test Method[†]	Fee		
Resistance R-Value	D2844	\$	315.00	each
Resistance R-Value of Treated Material	D2844	\$	370.00	each
Rock Correction for R-Value	D2844	\$	85.00	each
Stabilized Soil UC Strength, 1 Point (<i>proctor not included</i>)	D1633, D5102	\$	175.00	each
Stabilized Soil UC Strength, Set of 3	D1633, D5102	\$	950.00	each
CTM 373, 1 Lime Content, w/o Opt. Moist.	CTM373	\$	160.00	each
CTM 373, 1 Lime Content	CTM373	\$	365.00	each
CTM 373, 3 Lime Contents	CTM373	\$	1,050.00	each
Eades and Grim Test (Opt. Lime Content)	C977	\$	175.00	each
Resilient Modulus	T307	\$	475.00	each
CTB Strength, Individual Specimen		\$	185.00	each
CTB Strength, Set of 3, Without Design		\$	420.00	each
CTB Complete Mix Design		\$	1,250.00	each

SOIL STRENGTH AND PERMEABILITY TESTS				
Test	Standard Test Method[†]	Fee		
Pocket Penetration Value		\$	15.00	each
Unconfined Compressive Strength	D2166, T208	\$	140.00	each
Direct Shear, 1 Point	D3080, T236	\$	135.00	each
Direct Shear, 3 Points	D3080, T236	\$	350.00	each
Direct Shear, Residual Strength, Each Pt	D3080-Modified	\$	210.00	each
Consolidation without Time Rate Plots	D2435-Modified	\$	300.00	each
Consolidation with 2 Time Rate Plots	D2435-A, T216-A	\$	400.00	each
Consolidation, All Loads with Time Rates	D2435-B, T216-B	\$	500.00	each
Collapse Potential	D5333	\$	185.00	each
One Dimensional Free Swell	D4546	\$	155.00	each
One Dimensional Swell, Percent Heave	D4546	\$	250.00	each
One Dimensional Swell with Consolidation	D4546	\$	465.00	each
Expansion Index	D4829	\$	185.00	each
Denver Swell Test		\$	110.00	each
Permeability, Rigid Wall	D2434	\$	350.00	each
Permeability, Flexible Wall	D5084-C	\$	350.00	each
Triaxial Compression, CU, 1 Point	D4767, T297	\$	475.00	each
Triaxial Compression, CU, 3 Points	D4767, T297	\$	1,250.00	each
Triaxial Compression, UU, 1 Point	D2850, T296	\$	210.00	each
Triaxial Compression, UU, 3 Points	D2850, T296	\$	575.00	each
Triaxial Compression, UU Saturated, 1 Point	D2850-Modified	\$	285.00	each
Triaxial Compression, UU Saturated, 3 Points	D2850-Modified	\$	790.00	each
Triaxial Test, TEX117E, Part I	TEX117E	\$	2,250.00	each
Triaxial Test, TEX117E, Part II	TEX117E	\$	2,250.00	each

[†]Common ASTM, AASHTO and DOT test methods.

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**KLEINFELDER FEE SCHEDULE FOR
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AGGREGATE TESTS

Test	Standard Test Method[†]	Fee		
Acid Solubility	AWWA B100	\$	175.00	each
Air Degradation	ODT TM208	\$	200.00	each
ASR Reactivity, Long Method	C227, C1293	\$	1,575.00	each
ASR Reactivity, Short Method	C1260, C1567	\$	895.00	each
Cleanness Value	CTM227	\$	160.00	each
Clay Lumps and Friable Particles, per size <i>*(see note below)</i>	C142, T112	\$	105.00	each
Coarse Specific Gravity & Absorption	C127, T85	\$	80.00	each
Fine Specific Gravity & Absorption	C128, T84	\$	105.00	each
Coarse Durability	D3744, T210	\$	140.00	each
Fine Durability	D3744, T210	\$	140.00	each
Flat and Elongated Particles, per size <i>*(see note below)</i>	D4791	\$	80.00	each
Fractured Faces, per size <i>*(see note below)</i>	D5821, T335	\$	105.00	each
Lightweight Pieces <i>(Per specific gravity of heavy liquid)</i>	C123, T113	\$	330.00	each
Los Angeles Abrasion, Large Aggregate	C535	\$	210.00	each
Los Angeles Abrasion, Small Aggregate	C131, T96	\$	185.00	each
Mortar Sand Strength	C87, CTM515	\$	580.00	each
Organic Impurities	C40, T21	\$	65.00	each
Sand Equivalent, 1 point	D2419, T176	\$	70.00	each
Sand Equivalent, 3 points	D2419, T176	\$	110.00	each
Sieve Analysis, % Finer than 200 Sieve	C117, T11	\$	85.00	each
Sieve Analysis, Fine	C136, T27	\$	125.00	each
Sieve Analysis, Coarse	C136, T27	\$	125.00	each
Sieve Analysis, Coarse and Fine	C136, T27	\$	160.00	each
Soundness of Aggregate, per size <i>*(see note below)</i>	C88, T104	\$	145.00	each
Unit Weight	C29, T19	\$	65.00	each
Water Content	D2216, C566, T255	\$	25.00	each
Texas Wet Ball Mill	TEX116E	\$	300.00	each
Decantation Wash	TEX406A	\$	90.00	each
Uncompacted Void Content of Fine Aggregate	C1252, T304	\$	135.00	each
Idaho Degradation	IDT T-15	\$	330.00	each

**Tests are billed by each size fraction tested. The quantity of fractions tested is dependent on the sample gradation and test method.*

FILTER MEDIA TESTS

Test	Standard Test Method[†]	Fee		
Filter Media, Sieve Analysis <i>(includes d10, d60, es, cu)</i>	AWWA B100	\$	185.00	each
Filter Media, Mohs Hardness	AWWA B100	\$	185.00	each
Filter Media, Percent Silica		\$	200.00	each
Acid Solubility	AWWA B100	\$	175.00	each

[†]Common ASTM, AASHTO and DOT test methods.

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**KLEINFELDER FEE SCHEDULE FOR
GEOTECHNICAL and MATERIALS LABORATORY TESTING SERVICES
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ROCK TESTS

Test	Standard Test Method [†]	Fee		
		\$		
Rock Sample Preparation		\$	85.00	each
Rock Direct Shear, 1 Point	D5607	\$	150.00	each
Rock Direct Shear, 3 Points	D5607	\$	375.00	each
Rock Mohs Hardness		\$	25.00	each
Rock Point Load Index	D5731	\$	35.00	each
Rock Point Load, Set of 10	D5731	\$	210.00	each
Rock Slake Durability	D4644	\$	135.00	each
Rock Tensile/Brazilian	D3967	\$	215.00	each
Rock Triaxial Compression w/Modulus of Rupture	D7012	\$	560.00	each
Rock Triaxial Compression	D7012	\$	420.00	each
Rock Unconfined Compression	D7012	\$	210.00	each
Rock Unconfined Compression w/Modulus of Rupture	D7012	\$	360.00	each

Above testing fees include routine sample preparation (grinding) and test sample photographs.

CONCRETE TESTS

Test	Standard Test Method [†]	Fee		
		\$		
Concrete Compression	C39	\$	30.00	each
Concrete Core Compression	C42	\$	70.00	each
Concrete Creep	C512	\$	2,000.00	each
Concrete Cylinder Unit Weight	C567	\$	105.00	each
Concrete Drying Shrinkage, set of 3	C157	\$	500.00	each
Concrete Flexural Strength	C78	\$	85.00	each
Concrete Modulus of Elasticity	C469	\$	300.00	each
Concrete Splitting Tensile Strength	C496	\$	90.00	each
Concrete Core Thickness	C174	\$	20.00	each
Concrete Laboratory Trial Batch	C192	\$	1,250.00	each
RCC Compression	C39	\$	65.00	each
Shotcrete Compression	C1140	\$	80.00	each
Concrete Absorption after 3-Hour Boil	C497	\$	160.00	each
Concrete Absorption after 5-Hour Boil	C497, C642	\$	160.00	each
Concrete Absorption after 10-Minute Soak	C497	\$	105.00	each
CLSM Compression	D4832	\$	45.00	each
Concrete Permeability	COE CRD C 48	\$	2,800.00	each
Concrete Chloride Ion Penetration	C1202	\$	750.00	each

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**KLEINFELDER FEE SCHEDULE FOR
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MASONRY TESTS

Test	Standard Test Method[†]	Fee		
Masonry Grout Compression	C1019	\$	30.00	each
Masonry Mortar Compression	C942	\$	30.00	each
Masonry Core Compression	CA DSA	\$	70.00	each
Masonry Core Shear	CA DSA	\$	70.00	each
Masonry Prism Compression	C1314	\$	115.00	each
CMU Absorption and Received Moisture	C140	\$	80.00	each
CMU Compression	C140	\$	105.00	each
CMU Dimension Verification	C140	\$	45.00	each
CMU Lineal Shrinkage	C426	\$	250.00	each
Masonry Brick Absorption	C67	\$	85.00	each
CMU/Seg. Retaining Wall Unit Freeze-Thaw		\$	1,750.00	each

ASPHALT TESTS

BINDER TESTS				
Test	Standard Test Method[†]	Fee		
Absolute Viscosity	D2171	\$	220.00	each
Bitumen Penetration	D5	\$	80.00	each
Kinematic Viscosity	D2170	\$	200.00	each
Recovery by Roto-Vapor	D5404	\$	365.00	each
Softening Point, Ring & Ball	D36	\$	105.00	each
Bitumen Recovery by Abson Method	D5404	\$	375.00	each
Ductility of Bitumen	D113	\$	130.00	each
Resilience of AR Binders	D5329	\$	80.00	each

EMULSION TESTS				
Test	Standard Test Method[†]	Fee		
Emulsion Elastic Recovery	D6084, T301	\$	260.00	each
Emulsion Settlement	D6930, T59	\$	235.00	each
Emulsion Sieve Test	D6933, T59	\$	105.00	each
Emulsion Storage Stability	D6930, T59	\$	185.00	each
Emulsion Torsional Recovery	CTM332	\$	160.00	each
Particle Charge	D7402, T59	\$	105.00	each
Residue by Evaporation	D6934, T59	\$	115.00	each
Saybolt Viscosity	D7946, T59	\$	160.00	each

[†]Common ASTM, AASHTO and DOT test methods.

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**KLEINFELDER FEE SCHEDULE FOR
GEOTECHNICAL and MATERIALS LABORATORY TESTING SERVICES
JOHN WAYNE AIRPORT 2016-2021**

ASPHALT TESTS (continued)

MIX PROPERTY TESTS				
Test	Standard Test Method†	Fee		
Air Voids Determination (<i>calculation only</i>)	D3203	\$	50.00	each
VMA Determination (<i>calculation only</i>)		\$	55.00	each
VFA Determination (<i>calculation only</i>)		\$	55.00	each
Volumetric Properties (<i>calculation only</i>)		\$	55.00	each
Gradation of Extracted Aggregate	D5444	\$	120.00	each
AC Core Thickness	D3549	\$	15.00	each
AC Content by Extraction	D2172	\$	210.00	each
Hveem Stability	D1560	\$	340.00	each
Hveem Stability without Compaction	D1560	\$	175.00	each
AC Content by Ignition Oven	D6307, T308	\$	150.00	each
AC Ignition Oven Calibration (<i>determination of mix correction</i>)	D6307	\$	315.00	each
AC Moisture Content	T329	\$	55.00	each
AC Content by Nuclear Gauge	D4125	\$	220.00	each
Marshall Stability and Flow (<i>does not include compaction</i>)	D6927	\$	160.00	each
AC Swell	CTM305	\$	110.00	each
AC Core Unit Weight & Thickness	D1188, D2726, D3549	\$	55.00	each
Slurry Seal Wet Track Abrasion	D3910, ISSA TB100	\$	350.00	each

DESIGN AND DENSITY TESTS				
Test	Standard Test Method†	Fee		
Centrifuge Kerosene Equivalent	CTM303	\$	250.00	each
Film Stripping	CTM302	\$	130.00	each
Index of Retained Strength	D1075	\$	1,050.00	each
Unit Weight, Gyrotory Method	T312	\$	370.00	each
Unit Weight, Hveem Method	D1561	\$	300.00	each
Unit Weight, Marshall Method	D6926	\$	220.00	each
Maximum Theoretical Specific Gravity	D2041	\$	150.00	each
Moisture Induced Damage	T283	\$	1,470.00	each
Caltrans Tensile Strength Ratio	CTM371	\$	2,200.00	each
Moisture Vapor Susceptibility		\$	300.00	each
Mix Design, Hveem Method W/RAP		\$	7,600.00	each
Mix Design, Hveem Method		\$	5,400.00	each
Mix Design, Marshall Method		\$	3,000.00	each
Mix Design, Superpave Method		\$	6,000.00	each
Caltrans Opt Bitumen Content OGFC	CTM368	\$	1,575.00	each
Hamburg Wheel Track, Set of 2		\$	1,100.00	each

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**KLEINFELDER FEE SCHEDULE FOR
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METAL TESTS

BOLT TESTS				
Test	Standard Test Method[†]	Fee		
Bolt Assembly Suite (Bolt, Nut, Washer)*	F606	\$	200.00	each
Bolt Hardness	E18	\$	30.00	each
Bolt Proof Load	F606	\$	40.00	each
Bolt Wedge Tensile	F606	\$	40.00	each
Nut Hardness	E18	\$	30.00	each
Nut Proof Load	F606	\$	40.00	each
Washer Hardness	E18	\$	30.00	each

**An 'assembly' is one bolt, one nut and one washer. The suite consists of a bolt wedge tensile test, bolt and nut proof load tests, and hardness tests on all three pieces.*

METAL TESTS				
Test	Standard Test Method[†]	Fee		
Bend	A370, E290	\$	25.00	each
Rebar Coupler Slippage	A370, CTM 670	\$	140.00	each
Rebar Coupler Tensile	A370, A1034, CTM 670	\$	80.00	each
Rebar Coupler Tensile ≥ 2 Sq.In. CrossSect	A370, A1034, CTM 670	\$	140.00	each
CTM 670 Strain (Elongation)	CTM670	\$	20.00	each
PT Strand Tensile	A370, A1061	\$	150.00	each
Spliced Specimen Tensile	A370, A1034	\$	70.00	each
Tensile <2.0 Sq. In. Cross-Sect.	A370, E8	\$	70.00	each
Tensile ≥ 2.0 Sq. In. Cross-Sect.	A370, E8	\$	150.00	each
Rockwell Hardness	E18	\$	30.00	each
Macroetch	E381	\$	200.00	each
Charpy Impact, Set of 3 *	A370, A673	\$	315.00	each
Galvanization Thickness	B499, E376	\$	25.00	each
Metal Modulus of Elasticity		\$	80.00	each
Fireproofing Density	E605	\$	55.00	each

**Machining test specimens is not included. Additional fees may be assessed for testing at temperatures other than 40°F.*

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DIMENSION STONE AND ROOFING MATERIAL TESTS

DIMENSION STONE				
Test	Standard Test Method[†]	Fee		
Dimension Stone, Absorption/Spec. Grav.	C97	\$	220.00	set/5
Dimension Stone, Compressive Strength	C170	\$	220.00	set/5
Dimension Stone, Flexural Strength	C880	\$	220.00	set/5
Dimension Stone, Modulus Of Rupture	C99	\$	220.00	set/5

ROOFING MATERIAL				
Test	Standard Test Method[†]	Fee		
Roof Tile Absorption		\$	100.00	each
Roofing, Unit Weight of Surfacing	D2829	\$	100.00	each
Roof Tile Breaking Load	UBC 15-5	\$	50.00	each
Roof Tile, Permeability		\$	150.00	each

MISCELLANEOUS TESTS

MISCELLANEOUS TESTS				
Test	Standard Test Method[†]	Fee		
Non-Masonry Grout Compression	C579	\$	31.00	each
Hydraulic Ram Calibration		\$	300.00	each
Polymer Composite Materials	D3039	\$	650.00	set/5

SAMPLE PREPARATION

SAMPLE PREPARATION				
Test	Standard Test Method[†]	Fee		
Rock Sample Preparation	D4543	\$	160.00	each
Sample Crushing		\$	125.00	each
Sample Cutting and Trimming		\$	31.00	each
Sample Mixing and Processing		\$	45.00	each
Sample Preparation		\$	45.00	each
Sample Preparation, per hour		\$	100.00	each
Sample Remolding		\$	80.00	each
Contamination Fee		\$	250.00	each
Sample Disposal Fee		\$	10.00	each

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**KLEINFELDER FEE SCHEDULE FOR
GEOTECHNICAL / MATERIALS TESTING EQUIPMENT
JOHN WAYNE AIRPORT 2017-2019**

EQUIPMENT CHARGES

MATERIALS TESTING EQUIPMENT			
Equipment	Invoice Name	Test Method[†]	Price
Anchor Bolt Testing Device	ANCHOR BOLT TST/DAY		\$150.00 / day
Brinell Hardness Tester	BRINELL HARDNESS/DAY	E10	\$20.00 /day
Concrete Rebound (Schmidt) Hammer	SCHMIDT HAMMER/DAY	C805	\$55.00 / day
Concrete Vapor Emission Test Kit	MOIST FLOOR/SLAB TST	F1869	\$30.00 / kit
Coring Machine	CORING MACHINE /DAY		\$85.00 /day
Coring Machine with Generator	CORING MCH W/GEN DAY		\$165.00 / day
Cylinder Mold	CYLINDER MOLDS		\$3.00 each
Diamond Bit Core Barrel Charge			
3" Diameter	CORING, 3" DIAM./IN		\$3.30 / inch
4" Diameter	CORING, 4" DIAM./IN		\$4.40 / inch
6" Diameter	CORING, 6" DIAM./IN		\$6.60 / inch
Digital Thickness Gauge	THICKNESS GAUGE /DAY		\$50.00 /day
FerroScan Equipment	FERROSCAN EQUIPMENT		\$275.00 /day
Floor Flatness Testing Device (Per Sq Ft)	FLOOR FLATNESS /SF	E1155	\$0.10 /sq ft
Floor Flatness Testing Device (Per Test)	FLOOR FLATNESS TST	E1155	\$150.00 / day
Hand Auger and Soil Sampler	HAND AUGER/DAY		\$75.00 /day
Magnetic Particle Testing Device	MAGNETIC PARTICLE	ASNT, AWS B1.1	\$45.00 /day
Nuclear Soil Density/Moisture Gauge	NUCLEAR DENS GAUGE	D6938	\$75.00 / day
Skidmore Bolt Tension Calibrator	SKID WILH BOLT/DAY	A325, A490	\$55.00 / day
Torque Wrench, up to 1,000 foot-pounds	TORQUE WRENCH/DAY	A325, A490	\$50.00 / day
Ultrasonic Testing Device	UT TESTING EQUIP/DAY	ASNT, AWS B1.1	\$75.00 /day

VEHICLES		
Description	Invoice Name	Price
Mileage, 2 Wheel Drive (Per Mile)	MILEAGE, 2 WH/MILE	\$0.80 / mile
Mileage, 4 Wheel Drive (Per Mile)	MILEAGE, 4 WH/MILE	\$1.60 / mile
Vehicle, 2 Wheel Drive (Per Hour)	VEHICLE, 2 WHEEL/HR	\$10.00 / hour
Vehicle w/Std Testing Equip (Per Hour)	VEH W/STD EQUIP/HR	\$19.00 / hour

[†]Examples of common test methods. Other methods may exist.

BASIS OF CHARGES

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1. Listed on the attached page are typical prices for services most frequently performed by Kleinfelder. Prices for other services, including special quotes for volume work, will be given upon request, but will be subject to the terms set forth below.
 2. A two-hour minimum charge will be made for all field services. A four-hour minimum charge will be made for any field services in excess of two hours. A six-hour minimum charge will be made for field services in excess of four hours per day. An eight-hour minimum charge will be made for field services in excess of six hours per day.
 3. A one-hour minimum charge per day will be made for any office service.
 4. Time worked in excess of 8 hours per day and weekend/holiday work will be charged at 1.5 times the hourly rate. Time worked in excess of 12 hours per day will be charged at 2 times the hourly rate.
 5. Per diem will be charged at a rate of \$140 per day per person or expenses plus 20%, whichever is greater. Per diem will be charged for all projects in excess of 50 miles from the nearest Kleinfelder office.
 6. Outside services, including but not limited to approved DBE subconsultants, will include a 10% markup, unless otherwise noted.
 7. The proposed fee includes standard invoicing with time detail summary. Additional administrative time will be charged if invoice backup information (timesheets, daily field reports, or work summaries) is requested.
 8. Certified payroll for prevailing wage projects will be provided only if requested and will be subject to additional charges for administrative time for each pay period.
 9. Kleinfelder routinely disposes of non-environmental and uncontaminated samples after submission of our final report and reserves the right to return environmental sample to client, at its expense, after submission of our final report.
 10. Proper disposal or handling of soil boring cuttings, well development and purge waters, decontamination solutions, and other contaminated/potentially contaminated materials is the responsibility of the client. Upon request, Kleinfelder can provide containers for onsite containment and can advise the client regarding proper handling procedures.
 11. If any of the above items conflict with the terms of the executed A/E Agreement, the Terms of the A/E Agreement will take precedent.
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