



RESOLUTION No. 17-344

OF THE BOARD OF SUPERVISORS OF THE COUNTY OF NEVADA

APPROVAL OF AMENDMENT NO. 2 TO THE PERSONAL SERVICES CONTRACT BETWEEN THE COUNTY OF NEVADA AND HOLDREGE & KULL CONSULTING ENGINEERS AND GEOLOGISTS FOR ON-CALL MATERIALS TESTING AND CONSTRUCTION INSPECTION CONSULTING SERVICES

WHEREAS, the Board of Supervisors, by Resolution 15-281, approved a Personal Services Contract with Holdrege & Kull Consulting Engineers for On-Call Materials Testing and Construction Inspection Consulting Services for Various Projects and Maintenance Activities in the amount of \$150,000 ("Agreement") The contract was for an amount not to exceed \$150,000 over the period of July 1, 2015 thru June 30, 2016.; and

WHEREAS, the Board of Supervisors, by Resolution 16-277 extended the contract to cover services from July 1, 2016 through June 30, 2017; and

WHEREAS, funding is available in budget accounts:

1114-30104-702-1000	1114-30154-702-1000
1114-30104-702-6000	1114-30154-702-3000
1114-30107-703-1000	

WHEREAS, the parties desire to extend the contract term to June 30, 2018, and update Exhibit B, the Schedule of Fees, to reflect current billing rates.

NOW, THEREFORE, BE IT HEREBY RESOLVED that the Nevada County Board of Supervisors approves Contract Amendment No. 2 to the Agreement between the County of Nevada and Holdredge & Kull Consulting Engineers and Geologists, and authorizes the Chair of the Board of Supervisors to execute the Amendment on behalf of the County of Nevada.

PASSED AND ADOPTED by the Board of Supervisors of the County of Nevada at a regular meeting of said Board, held on the 27th day of June, 2017, by the following vote of said Board:

Ayes: Supervisors Heidi Hall, Edward Scofield, Dan Miller, Hank Weston and Richard Anderson.

Noes: None.

Absent: None.

Abstain: None.

ATTEST:

JULIE PATTERSON HUNTER
Clerk of the Board of Supervisors

By: 


Hank Weston, Chair

6/27/2017 cc: DPW*
AC* (Hold)

8/4/2017 cc: DPW*
AC* (Release)
H&K

**AMENDMENT NO. 2 WITH
HOLDREGE & KULL CONSULTING ENGINEERS**

THIS AMENDMENT No. 2 is executed this 27th day of June, 2017, by and between HOLDREGE & KULL CONSULTING ENGINEERS and GEOLOGISTS and COUNTY OF NEVADA. Said Amendment No. 2 will amend the Personal Services Contract between the parties entitled On-Call Materials Testing and Construction Inspection Consulting Services executed by Resolution 15-281 on June 23, 2016 in the amount of \$150,000, and amended by Resolution 16-277 on June 21, 2016

WHEREAS, the Agreement will expire on June 30, 2017; and

WHEREAS, the County desires to continue using this contractor to provide the services contemplated by the Agreement and the contractor desires to continue providing said services; and

WHEREAS, the parties desire to extend the existing contract from July 1, 2017 to June 30, 2018 and update Exhibit B to reflect the current Fee Schedule for services under the Agreement.

NOW, THEREFORE, the parties hereto agree as follows:

1. That Section 3 of the Agreement is hereby amended to extend the contract term to June 30, 2018.
2. That Exhibit B of the Agreement is hereby replaced with the new Exhibit B attached hereto.
3. That in all other respects the prior agreement of the parties shall remain in full force and effect except as amended herein.

COUNTY OF NEVADA

By: Hank Weston
Hank Weston, Chair
Board of Supervisors

CONTRACTOR: Holdrege & Kull
Consulting Engineers and Geologists

By: [Signature]

EXHIBIT "B"

SCHEDULE OF CHARGES AND PAYMENTS



2017 FEE SCHEDULE

Personnel	Hourly Rate
Project Assistant	\$78
AutoCAD Operator	\$100
Technical Editor	\$80
Assistant Engineer/Geologist	\$117
Staff Scientist	\$132
Staff Engineer/Geologist	\$132
Project Engineer/Geologist	\$150
Senior Engineer/Geologist	\$160
Associate Engineer/Geologist	\$170
Principal	\$235
Expert Testimony and Deposition (four-hour minimum).....	\$320 Engineering
Technician I.....	\$87
Engineering Technician II.....	\$92
Engineering Technician III.....	\$97
Certified Welding Inspector (CWI/AWS)	\$108
Non-Destructive Testing (NDT) Technician	\$108
ASNT Level III	\$159
Supervisory Technician.....	\$116
Construction Services Manager I	\$144
Construction Services Manager II	\$158

Prevailing Wage Services	Hourly Rate
Field Soils and Materials Tester, Soils/Asphalt	\$111
ACI Concrete Tester	\$111
ICC Fireproofing.....	\$109
Proofload/Torque Testing.....	\$109
AWS/CWI Certified Welding Inspector.....	\$116
ASNT Level II Non-Destructive Testing (NDT) Technician	\$122
ICC Certified Structural Inspector	\$114
DSA Masonry/Shotcrete and Lead Inspector.....	\$122
Travel Time – Tester/Inspector	\$87

Field Equipment	Unit Rate
All-Terrain Vehicle.....	\$44/Day
Cone Penetrometer.....	\$150/Day
Core Drill Machine.....	\$180 Half Day/\$240 Full Day
DAQ III/Seismic Refraction Survey	\$350/Day
Excavator with Operator.....	\$128/Hour
Pachometer.....	\$42/Day
pH/Conductivity Meter.....	\$52/Day
Photoionization Detector (PID).....	\$106/Day
Tension Ram.....	\$32/Day
Turbidity Meter	\$52/Day
Unmanned Aerial Vehicle System (Drone; see notes for details)	\$200/Day
Water Quality Meter (pH, conductivity, temperature, DO).....	\$106/Day 1.5-Inch Pump and
Controllers	\$136/Day
4-Inch Pump with Trailer	\$162/Day

Notes

- Mileage and hourly rates will be charged portal to portal. Mileage will be billed at \$0.53.5 per mile.
- Outside services will be billed at our cost plus 20 percent.
- Overtime rates for Saturday, Sunday, holiday or over 8 hours/day: hourly rate plus \$32/Hour.
- Prevailing wage overtime rates for Saturday or over 8 hours/day: hourly rate plus \$32/Hour.
- Prevailing wage double time rates for Sunday, holiday or over 12 hours/day: hourly rate plus \$64/Hour.
- Second shift rates: hourly rate plus \$16/Hour.
- A minimum 2 hour fee will be charged for scheduled site visits not cancelled in advance of arrival.
- Per Diem will be billed at cost plus 20 percent unless other arrangements are made.
- Drone flights require a Remote Pilot in Command, which is billed at the Project Engineer/Geologist hourly rate.
- A hazard surcharge may apply for drone flights over water, at high elevation, or near high voltage lines.

2017 LABORATORY TESTING SERVICES

Soil	Aggregate	Concrete	Asphalt	ASTM Test Methods	Unit Cost
				■ ASTM A615, Reinforcing Steel Tensile Test to #8	\$87
				■ ASTM A615, Reinforcing Steel Bend Test to #8	\$28
				■ ASTM C39, Concrete Compressive Strength, 4x8	\$32
				■ ASTM C39, Concrete Compressive Strength, 6x12	\$40
				■ ASTM C78, Flexural Strength of Concrete	\$103
				■ ASTM C140, CMU Strength, Unit Weight, Absorption	\$195
				■ ASTM C780, Compressive Strength Mortar	\$32
				■ ASTM C1019, Compressive Strength Grout	\$32
				■ ASTM C1314, Compressive Strength Masonry Prisms	\$111
■	■	■		■ ASTM C136, D422A Full Sieve Particle Size Analysis	\$132
■				■ ASTM D422B, Long Hydrometer Particle Size Analysis (specific gravity not included)	\$132
■	■			■ ASTM D422C, Full Sieve w/ Long Hydrometer Particle Size Analysis (spec. gravity not incl.)	\$175
■	■			■ ASTM D698, D1557, Compaction Curves (4-inch mold)	\$205
■	■			■ ASTM D698, D1557, Compaction Curves (6-inch mold)	\$215
■	■			■ ASTM D854, Specific Gravity	\$90
■	■	■		■ ASTM C117, D1140, No. 200 Mesh Wash Particle Size Analysis	\$87
■				■ ASTM D2166, Unconfined Compression Shear Strength	\$111
■	■			■ ASTM D2216, Oven Moisture Content	\$29
■	■			■ ASTM D2419, Sand Equivalent	\$108
■	■			■ ASTM D2434, Constant Head Permeability	\$174
■	■			■ ASTM D2435, One-Dimensional Consolidation (per point)	\$26
■	■			■ ASTM D2844, Resistance Value	\$271
■	■			■ ASTM D2850, Unconsolidated, Undrained, Triaxial Shear Strength (per point)	\$147
■	■			■ ASTM D2937, Density-Moisture	\$35
■				■ ASTM D3080, Direct Shear Strength (3 points minimum)	\$303
■				■ ASTM D4318, Atterberg Indices (Dry Method)	\$152
■				■ ASTM D4546, One-Dimensional Settlement or Swell (per point)	\$87
■				■ ASTM D4767, Consolidated, Undrained, Triaxial Shear Strength (per point)	\$175
■				■ ASTM D4829, Expansion Index (UBC Expansion Index)	\$152
■				■ ASTM D4832, Strength of CLSM	\$44
■				■ ASTM D5084, Falling Head Permeability	\$249
California Test Methods					
■	■	■	■	■ CTM 202, Analysis of Fine Coarse Aggregate	\$132
	■		■	■ CTM 205, Percent of Crushed Particles	\$87
	■	■	■	■ CTM 206, Specific Gravity/Absorption Coarse Aggregate	\$108
	■	■	■	■ CTM 207, Specific Gravity/Absorption Fine Aggregate	\$108
	■		■	■ CTM 208, Apparent Specific Gravity of Fine Aggregate	\$98
■	■			■ CTM 216, Maximum Wet Density Determination	\$217
■	■	■	■	■ CTM 217, Sand Equivalent	\$108
■	■	■	■	■ CTM 226, Moisture Content by Oven	\$29
■	■	■		■ CTM 227, Evaluating Cleanness of Coarse Aggregate	\$103
	■	■		■ CTM 229, Durability Index	\$152
	■	■	■	■ CTM 234, Uncompacted Void Content of Fine Aggregate	\$108
	■		■	■ CTM 235, Percent of Flat and Elongated Particles	\$87
		■	■	■ CTM 308, Bulk Density Hot Mix Asphalt (HMA)	\$38
		■	■	■ CTM 309, Max Specific Gravity of HMA	\$162
		■	■	■ CTM 370, Moisture Content with Microwave	\$25
		■	■	■ CTM 382, Asphalt Content by Ignition Method	\$159
		■	■	■ CTM 382, Asphalt Content by Ignition Method Correction Factor Development	\$490
		■	■	■ Caltrans LP 2, 3, 4 Aggregate Asphalt and Dust Proportion	\$162

This is a partial list of the most common laboratory tests. ASTM/CTM Standards are used as guidelines

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Asphalt



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