	DOC # 0778938 02/23/2011 10:21 AM Deputy: GB OFFICIAL RECORD
Assessor's Parcel Number: N/A	Requested By: DC/COMMUNITY DEVELOPMENT
Date: FEBRUARY 22, 2011	Douglas County - NV Karen Ellison - Recorder
Recording Requested By:	Page: 1 Of 13 Fee: 0.00 BK-0211 PG-4348 RPTT: 0.00
Name:	
Address:	
City/State/Zip:	
Real Property Transfer Tax: \$_N/A	

CONTRACT #2011.035
(Title of Document)

BK- 0211 PG- 4349

2011. Des

2011 FEB 22 AM 11: 52

CONTRACT FOR SERVICES OF INDEPENDENT CONTRACTOR

A CONTRACT BETWEEN DOUGLAS COUNTY

'AND

PEZONELLA ASSOCIATES, INC. 520 EDISON WAY, RENO, NV 89502

WHEREAS, Douglas County, a political subdivision of the State of Nevada, from time to time requires the services of independent contractors; and

WHEREAS, it is deemed that the personal services of Contractor herein specified are both necessary and desirable and in the best interests of Douglas County; and

WHEREAS, Contractor represents that he is duly qualified, equipped, staffed, ready, willing and able to perform and render the personal services hereinafter described;

NOW, THEREFORE, in consideration of the agreements herein made, the parties mutually agree as follows:

- 1. EFFECTIVE DATE AND TERM OF CONTRACT. This contract shall not become effective until and unless approved by the Douglas County Board of County Commissioners or Purchasing and Contracts Administrator, whichever is required.
- 2. INDEPENDENT CONTRACTOR STATUS. The parties agree that Contractor shall have the status of an independent contractor and that this contract, by explicit agreement of the parties, incorporates and applies the provisions of Nev.Rev.Stat. (NRS) 284.173, as necessarily adapted, to the parties, including that Contractor is not a County employee and that:

There shall be no:

- (1) Withholding of income taxes by the County;
- (2) Industrial insurance coverage provided by the County;
- (3) Participation in group insurance plans which may be available to employees of the County;
- (4) Participation or contributions by either the independent contractor or the County to the public employees retirement system;
- (5) Accumulation of vacation leave or sick leave; and
- (6) Unemployment compensation coverage provided by the County if the requirements of Nev.Rev.Stat. (NRS) 612.085 for independent contractors are met.

3. INDUSTRIAL INSURANCE.

A. Unless the Contractor complies with Paragraph (¶) B below, Contractor further agrees, as a precondition to the performance of any work under this contract and as a precondition to any obligation of the County to make any payment under this contract, to provide the County with a work certificate and/or a certificate issued by a qualified insurer in accordance with Nev.Rev.Stat. (NRS) § 616B.627. Contractor also agrees, prior to commencing any work under the contract, to complete and to provide the following written request to the insurer:

Pezonella Associates, Inc. has entered into a contract with Douglas County to perform work from February 17, 2011 to February 17, 2012 and requests that the an authorized insurer provide to Douglas County; 1) a certificate of coverage issued pursuant to Nev.Rev.Stat. (NRS) § 616B.627, and 2) notice of any lapse in coverage or nonpayment of coverage that the contractor is required to maintain. The certificate and notice should be mailed to:

Douglas County Post Office Box 218 Minden, Nevada 89423

Contractor agrees to maintain required workers compensation coverage throughout the entire term of the contract. If contractor does not maintain coverage throughout the entire term of the contract, contractor agrees that County may, at any time the coverage is not maintained by contractor, order the contractor to stop work, suspend the contract, or terminate the contract. For each six-month period this contract is in effect, contractor agrees, prior to the expiration of the six-month period, to provide another written request to the insurer for the provision of a certificate and notice of lapse in or nonpayment of coverage. If contractor does not make the request or does not provide the certificate before the expiration of the six-month period, contractor agrees that County may order the contractor to stop work, suspend the contract, or terminate the contract.

- B. Contractor may, in lieu of furnishing a certificate of an insurer, provide an affidavit indicating that he is a sole proprietor and that:
 - In accordance with the provisions of Nev.Rev.Stat (NRS) 616B.659, has not 1. elected to be included within the terms, conditions and provisions of chapters 616A to 616D, inclusive, of Nev.Rev.Stat. (NRS); and
 - 2. Is otherwise in compliance with those terms, conditions and provisions.
- 4. SERVICES TO BE PERFORMED. The parties agree that the personal services to be performed are as follows: On call Material Testing, Special Inspection, and Public Works Inspection as outlined in the attached letter dated January 17, 2011 and the Schedule of Charges dated 2007; the letter and Schedule of Charges are attached as Attachment "A".
- 5. PAYMENT FOR SERVICES. Contractor agrees to provide the personal services set forth in Paragraph (¶) 4 at a cost per the attached Schedule of Charges per hour. In addition the County agrees to reimburse Contractor for travel expenses and per diem allowances at approved County rates not to exceed a total cost of \$ as outlined in the attached Schedule of Charges. Unless Contractor has received a written exemption from the County, Contractor shall submit monthly requests for payment for services performed under this agreement. Requests for payment by Contractor may only be made for reimbursement of actual cash disbursed. Requests for payment shall be submitted no later than fifteen (15) days after the end of a month and must include a detailed summary of the expenditures reported in a form that supports the approved budget. Specifically, Contractor agrees to provide with each request for payment a schedule of actual expenditures for the period, cumulative total expenditures for the entire contract, and a comparison of cumulative total expenditures to the approved budget.
- 6. TERMINATION OF CONTRACT. Either party may revoke this contract without cause after the first year, provided that a revocation shall not be effective until 10 days after a party has served written notice upon the other party.

PG- 435 02/23/2011

0778938 Page: 4 Of 13

7. NONAPPROPRIATION. All payments under this contract are contingent upon the availability to the County of the necessary funds. In accordance with Nev.Rev.Stat. (NRS) § 354.626 and any other applicable provision of law, the financial obligations under this contract between the parties shall not exceed those monies appropriated and approved by the County for this contract for the then current fiscal year under the Local Government Budget Act. This contract shall terminate and the County's obligations under it shall be extinguished if the County fails to appropriate monies.

Nothing in this contract shall be construed to provide Contractor with a right of payment over any other entity. Any funds obligated by the County under this contract that are not paid to Contractor shall automatically revert to the County's discretionary control upon the completion, termination, or cancellation of the agreement. The County shall not have any obligation to re-award or to provide, in any manner, the unexpended funds to Contractor. Contractor shall have no claim of any sort to the unexpended funds.

- 8. CONSTRUCTION OF CONTRACT. This contract shall be construed and interpreted according to the laws of the State of Nevada.
- 9. COMPLIANCE WITH APPLICABLE LAWS. Contractor shall fully and completely comply with all applicable local, state and federal laws, regulations, orders, or requirements of any sort in carrying out the obligations of this contract, including, but not limited to, all federal, state, and local accounting procedures and requirements and all immigration and naturalization laws.
- 10. ASSIGNMENT. Contractor shall neither assign, transfer nor delegate any rights, obligations or duties under this contract without the prior written consent of the County.
- 11. COUNTY INSPECTION. The books, records, documents and accounting procedures and practices of Contractor related to this contract shall be subject to inspection, examination and audit by the County, including, but not limited to, the contracting agency, the County Manager, the District Attorney, and, if applicable, the Comptroller General of the United States, or any authorized representative of those entities.
- 12. DISPOSITION OF CONTRACT MATERIALS. Any books, reports, studies, photographs, negatives or other documents, data, drawings or other materials prepared by or supplied to Contractor in the performance of its obligations under this contract shall be the exclusive property of the County and all such materials shall be remitted and delivered, at Contractor's expense, by Contractor to the County upon completion, termination or cancellation of this contract. Alternatively, if the County provides its written approval to Contractor, any books, reports, studies, photographs, negatives or other documents, data, drawings or other materials prepared by or supplied to Contractor in the performance of its obligations under this contract must be retained by Contractor for a minimum of six years after final payment is made and all other pending matters are closed. If, at any time during the retention period, the County, in writing, requests any or all of the materials, then Contractor shall promptly remit and deliver the materials, at Contractor's expense, to the County. unless the County has requested remittance and delivery by Contractor of the items. Contractor shall not use, willingly allow or cause to have such materials used for any purpose other than the performance of Contractor's obligations under this contract without the prior written consent of the County.
- 13. PUBLIC RECORDS LAW. Contractor expressly agrees that all documents ever submitted, filed, or deposited with the County by Contractor (including those remitted to the County by Contractor pursuant to Paragraph (¶) 16), unless designated as confidential by a specific statue of the State of Nevada, shall be treated as public records pursuant to Nev.Rev.Stat. (NRS) ch. 239 and shall be available

for inspection and copying by any person, as defined in Nev.Rev.Stat. (NRS) § 0.039, or any governmental entity. Contractor expressly and indefinitely waives all of its rights to bring, including but not limited to, by way complaint, interpleader, intervention, or any third party practice, any claims, demands, suits, actions, judgments, or executions, for damages or any other relief, in any administrative or judicial forum, against the County or any of its officers or employees, in either their official or individual capacity, for violations of or infringement of the copyright laws of the United States or of any other nation.

- 14. INDEMNIFICATION. Contractor agrees to indemnify and save and hold the County, its agents and employees harmless from any and all claims, causes of action or liability arising from the performance of this contract by Contractor or Contractor's agents or employees.
- 15. MODIFICATION OF CONTRACT. This contract constitutes the entire contract between the parties and may only be modified by a written amendment signed by the parties and approved by the Board of County Commissioners.

IN WITNESS WHEREOF, the parties hereto have caused this contract to be signed and intend to be logally bound thereby.

Signature

(Date)

Michael

2-11-11

Douglas County

(Date)

Approved as to form by:

Deputy District Attorney

AFFIDAVIT

I,	, on behalf of my company,	
duly sworn, depose and declare:	, on committee my company,	, being
		\ \
1) I am a Sole Proprietor;		\ \
2) I will not use the services	of any employees in the performance	of this contract:
3) I have elected to not be in	icluded in the terms, conditions, and pr	rovisions of NPC Chapters
616A-616D, inclusive; and	and pr	Ovisions of IVES Chapters
	ance with the terms, conditions and pro	uniai un Camo I
616A-616D.	and with the terms, conditions and pro-	ivisions of INKS chapters
		/ / /
I release Douglas County and Dougla		
and my company in the performance	s County from all liability associated v	with claims made against me
616D, inclusive.	of this contract, that relate to complian	nce with NRS Chapters 616A-
orob, moiusive.		/
Signed thisday of		/
	_ \ \ \	
Signature		
		<u> </u>
\ \	\ \	-
State of Nevada))	
County of Douglas))	
On this day	hofomath a a	137
personally appeared	before the undersign	ned Notary Public, satisfactory basis to be the
person whose name is subscribed to this	is instrument and acknowledge that	
executed it.		
Witness my hand and official seal.		
3113741 304		
	/	
Notary's Signature		

ATTACHMENT A

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Page:

7 Of 1

BK- 0211

|| PG- 4354 | 13 02/23/2011

FAX



Geotechnical & Environmental Engineers & Geologists

520 EDISON WAY • RENO, NEVADA 89502

• (775) 856-5566

(775) 856-6042
 www.pezonella.com

January 17, 2011

Douglas County Community Development 1594 Esmeralda Avenue Minden Nevada 89423

Attention: Mr. Ed Mason, Civil Engineer III

Request for Proposal Annual Contract Special Inspection and Material Testing Services Douglas County, Nevada

Gentlemen:

Over the course of the last several years, Pezonella Associates, Inc. has worked closely with Douglas County Community Development to complete over 90 projects. For more than 35 years Pezonella Associates, Inc. has provided Materials Testing and Inspection Services without the need for reducing our work force due to economic downturns. As the economy continues to be volatile, it is important to maintain the trust and loyalty that has been developed with our clients. To that end, we look forward to extending this relationship and are submitting our Statement of Qualifications (SOQ) and tailored Schedule of Charges to provide materials testing, special inspection and public works inspection for transportation projects, public facility projects, and water/sewer projects. We understand that a one-year contract will be awarded to the successful applicant and a one-year extension will be available, upon mutual consent.

The following SOQ presents our Company Background, Qualifications of Principal Engineer and Project Staff, Company Capabilities and Services and Selected Projects. Resumes of selected project staff and copies of individual inspector's certificates are presented in Appendix A. AMRL and CCRL Accreditation details for our laboratory are presented in Appendix B. The Accreditation in Appendix B follows the AASHTO inspections, which are conducted every two years on our testing equipment and procedures, and our Quality Assurance Program, which is on file at this office.

We would like to point out our latest accreditation with ASNT levels II and III, for Ultrasonic Testing. We have also recently purchased Ytterberg Scientific Inc. laser guided profilometer, which generates Floor flatness/levelness testing. We also take pride in our ability to flexibly accommodate your testing requirements, without 24 hours notice.

We have made no revisions to our existing contract as is presented in the attached schedule of charges, dated 2007. These are presented in Appendix C. Of note are the elimination of charges for vehicle, nuclear densometer, clerical services and a discount of ten percent for all laboratory services. We further note that all man-hours will originate at Douglas County Community Development's main office.

We appreciate the opportunity to submit this proposal and look forward to extending our working relationship. If you have any questions or wish to discuss any aspect of this proposal, please do not hesitate to contact me.

Respectfully submitted

PEZONELLA ASSOCIATES, INC.

Raymond M. Pezonella, PE

President



PG-Page: 8 Of 13 02/23/2011



Geotechnical & Environmental Engineers & Geologists

520 EDISON WAY • RENO, NEVADA 89502 • (775) 856-5566 FAX • (775) 856-6042

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www.pezonella.com

REVISED SCHEDULE OF CHARGES DOUGLAS COUNTY CONTRACT ONLY (Effective April 1, 2007)

ENGINEERING CONSULTATION

Principal Engineer, Geologist Senior Engineer, Geologist Staff Engineer, Geologist Drafting Clerical	95.00 per hr 55.00 per hr.
ENVIRONMENTAL CONSULTATION	
Environmental Manager, Engineer Senior Environmental Engineer, Geologist Project Environmental Engineer, Geologist Staff Environmental Engineer, Geologist Environmental Field Technician Clerical	110.00 per hr. 100.00 per hr. 95.00 per hr.
INSPECTION AND CONSTRUCTION TESTING	
INSPECTION AND CONSTRUCTION LESTING	
Field Manager Special Inspector, International Building Code Public Improvement Inspection (NAQTC) Engineering Technician (Field Density Testing, Percolation Testing, Concrete Sampling) Field Assistant Batch Plant Inspection Overtime Rate DRILLING Environmental Drilling (Dnll-Rig, Licensed Driller, Staff Geologist and Support Truck) Environmental Drilling (Dnll-Rig, Licensed Driller, Helper and Support Truck) Geotechnical Drilling (Drill-Rig, Driller, Staff Geologist and Support Truck) Geotechnical Drilling (Drill-Rig, Driller's Assistant and Support Truck) Mob/DeMob (Drill-Rig and Support Truck) Drill Bits, Casing, Supplies, Permits	67.00 per hr. 65.00 per hr. 62.00 per hr. 47.00 per hr. 80.00 per hr. 1.5 Times regular rate \$195.00 per hr. 145.00 per hr. 180.00 per hr. 150.00 per hr. 120.00 per hr. Cost + 15%
Overtime Rate (over normal 8 hours per day)	1.5 Times regular rate
EQUIPMENT	
Backhoe	\$25.00 per hr. 5.00 per hr. 5.00 per hr. NO CHARGE 25.00 per hr. 15.00 per hr.

Skidmore Wilhelm Bolt Tension Calibrator		\$35 00 per hr.
Torque Wrench		
Nortec Ultrasonic NDT – 131	***************************************	12.00 per hr.
Krautkramor I (CNE2)	***************************************	30.00 per hr.
Krautkramer USN52L		40.00 per hr.
Trailer with Equipment (Generator, Welder, S	team Cleaner)	155.00 per day
Vehicle with Sampling Equipment (includes Air	Meter & Slump Cone	NO CHARGE
does not include Field Density Equipment)	***************************************	\ \
Windsor Probe	\$5.00 per hr. + Probe Shot	ts @ 40.00 per set
Outside Services (Misc. Equipment, Special L	_aboratory Services)	Cost + 15%
Positector – 6000		25.00 per hr.
ENVIRONME	NTAL EQUIPMENT	
Stainless Stool Evacuated Culindary (Al- C		
Stainless Steel Evacuated Cylinders (Air Sam	ipling)	Cost + 15%
Photoionization Detector (PID)		\$100.00 per day
Purge Pump		20.00 per day
Disposable Tubing		0.40 per foot
Water Level Probe		15.00 per day
Brass/Stainless Soil Tubes		5.00 each
Disposable Bailers		7.50 each
Oil/Water Interface Probe		50.00 per day
55 Gallon Drum		Cost + 15%
Well Supplies		Cost + 15%
Purge Pump Truck (16 gpm) – to depths of 22	20′	50.00 per hr.
pH/Conductivity/Temp. Meter (Field Test)		30.00 per day
Environmental Laboratory Analysis		Cost + 15%
TRAVEL TIM	E AND PER DIEM	
/ /		
Travel time charged at regular hourly rate, 8 h	rs. maximum driving time per day.	
Per Diem	Motel cost + 25.00 pc	er dav/per person
Computer ti	TORY TESTING	
Consultation	\ \	
Laboratory Manager and Special Laboratory T	instinu	A 05.00
Laboratory Manager and Special Laboratory T	esting and Preparation	\$85.00 per hr.
SOIL AND AG	GREGATE TESTS	
Compaction	GILLONIE TEGIG	
Standard	*D-698	\$150.00 each
Modified 4"	*D-1557	155.00 each
Modified 6"	*D-1557	190.00 each
Check Point		75.00 each
	4"	55.00 each
	• •	
Soil and Aggregate		
R-Value Colifornia (Novembra & de la constante		
R-Value, California/Nevada Method, Untreated	Material or Field Sample	\$190.00 each
R-Value, California/Nevada Method, Cement, I	Lime or other Additives,	
Laboratory Mixed or Reapportioned Sample	es	235.00 each
C.B.R. 100% Compaction	*D-1833	315.00 each
C.B.R. Other Compaction Effort		460.00 each
Soil Cement or C. I.B. Mix Design		Upon Request
C.T B. Compression Test (without preparation)	*D-1633	21.00 each

BK- 0211 PG- 4357 0778938 Page: 10 Of 13 02/23/2011

Soil and Aggregate Properties

10 to 10 =		/
Hydrometers without Specific Gravity	*D-422	\$150.00 each
Liquid Limit	*D-4318	70.00 each
Moisture Determination	*D-4959	21.00 each
Moisture Determination and Unit Weight – undisturbed	d tube sample	28.00 each
Organic Content - Soils		95.00 each
Free Swell	***********************	57.00 each
Expansion index	*D-4829	140.00 each
Permeability Tests (Remolded Samples) Does not include curve	*D-5084	182.00 each
Permeability Tests (Undisturbed Samples)	*D-5084	156.00 each
Plastic Limit	*D-4318	70.00 each
Plasticity Index	*D-4318	135.00 each
Resistivity of Soil (Laboratory Measurement)		85.00 each
Sand Equivalent, Average of 3	*D-2519	90.00 each
Sieve Analysis, Coarse	*C-136	80.00 each
Sieve Analysis, Coarse and Fine, Incl. Wash	*C-136	140.00 each
Sieve Analysis, Fine, Including Wash	*C-136	80.00 each
Sieve Analysis, Wash, % Finer than No. 200 sieve	*C-117	65.00 each
Soil Chemistry	. 1	Upon Request
Specific Gravity – Soils	*D-854	80.00 each
	B-054	ou.uu each
Shear Strength and Consolidation Tests	_ / /	
1		
Consolidation (with one-time rate)	*D-2435	\$185.00 each
Consolidation (with one-time rate) Percent Swell or Swell Pressure	*D-3077	172.00 each
Triaxial Compression (Quick) per Point	The state of the s	88.00 each
Triaxial Compression (Multi-Stage)		160.00 each
Triaxial Compression (Other Types) per Point	All All All All	182.00 each
Unconfined Compression Including Moisture Content a	and Unit Weight	83.00 each
Direct Shear (3 Points)	*D-3080	300 00 each
Remolded Direct Shear (3 Points)		330.00 each
		000.00 Caci)
Aggregate Quality	\ \	
	1 1	
Material Quality Review – Base Aggregates, Bedding S	Sand, etc	\$55.00 each
Specific Gravity, Absorption - Grave	*C-127	80.00 each
Specific Gravity, Absorption – Sand	./*C-128	80.00 each
Clay Lumps and Friable Particles	*C-142	88.00 each
Crushed Particle on Sieved Sample	*D-5821	83 00 each
Durability Index, Coarse or Fine	*D-3744	120.00 each
rial and Elongated Particles on Sieved Sample	*D-4791	104 00 each
Organic Impurities	*C-40	62.00 each
Lightweight Pieces in Aggregate	*C-123	99.00 each
Los Angeles Rattler Test, 500 revolutions	*C-131	Upon Request
Mortar Making Properties of Sand (2 ages)	*C-87	156.00 each
Potential Reactivity Test	*C-289	Upon Request
Potential Reactivity Test Sulfate Soundness (5 cycles)	*C-88	•
Unit Weight	*C-29	104.00 per sieve
Unit Weight Angularity	Q-20	75.00 each
	*** ********** ******* * ***	85.00 each

BK- 0211 PG- 4358 0778938 Page: 11 Of 13 02/23/2011

CONCRETE AND MASONRY

Cement Content of Hardened Congrete	
Cement Content of Hardened Concrete Compression Test, Concrete Cylinder	Upon Request
Compression Test, Concrete Cylindar *C-39	\$21.00 each
Compression Test, Lightweight Insulating Concrete Compression Test, Grout	21.00 each
	3.4
Compression Test, Masonry Units, (Prisms) *E-447 Compression Test, Mortar *E-447	26.00 each
Compression Test, Masonry Units, (Prisms) *E-447	125.00 each
Compression Test on Pine Based on Dine Di	21.00 each
	Lipon Books at
Compression Test, Masonry Block Concrete Mix Design (does not include a	Upon Request
	70.00 each
Cylinder Molds	105.00 each
Drying Shrinkage Test by ASTM or California Test Method, Set of 3 Flexural Strength, Concrete Beam	1.85 each
Flexural Strength, Concrete Beam *C-293 *C-293	Upon Request
Laboratory Trial Batch, not including Testing of Specimens *C-192 Modulus of Elasticity Test on 6" x 12" Constant O. "	88.00 each
Modulus of Elasticity Test on 6" x 12" Concrete Cylinder Review of Concrete Mix Designs	500.00 each
Review of Concrete Mix Designs	110.00 each
Review of Concrete Mix Designs Splitting Tensile Strength Test 6" x 12" Unit Weight of Concrete Cylinders *C-496	120.00 each
Unit Weight of Concrete Cylinders	50.00 each
Unit Weight of Concrete Cylinders Moisture Content of Masonry Block	36.00 each
Moisture Content of Masonry Block *C-140 Absorption of Masonry Block *C-140 Moisture Test Kits Only for Concrete Floors	36.00 each
Moisture Toot Vite O-t (C	55.00 each
Moisture Test Kits Only for Concrete Floors Shear Bond of Block Wall Cores	35.00 each
Officer boild of block yvall Cores	

	55.00 each
ASPHALT	55.00 each
ASPHALT	55.00 each
ASPHALT Built-up Roof Sample Analysis (One Square Face Co.)	
ASPHALT Built-up Roof Sample Analysis (One Square Foot Coupon)	55.00 each
ASPHALT Built-up Roof Sample Analysis (One Square Foot Coupon)	\$130.00 each
ASPHALT Built-up Roof Sample Analysis (One Square Foot Coupon) Complete Design of Wearing Surface for a Given Asphalt and Aggregate, State of California or Marshall Method Extraction, Percent Bitumen	\$130.00 each Upon Request
ASPHALT Built-up Roof Sample Analysis (One Square Foot Coupon) Complete Design of Wearing Surface for a Given Asphalt and Aggregate, State of California or Marshall Method Extraction, Percent Bitumen *D-2172	\$130.00 each Upon Request 125.00 each τ
ASPHALT Built-up Roof Sample Analysis (One Square Foot Coupon) Complete Design of Wearing Surface for a Given Asphalt and Aggregate, State of California or Marshall Method Extraction, Percent Bitumen Film Stripping Review of Asphalt Mix Design	\$130.00 each Upon Request 125.00 each τ 54.00 each
ASPHALT Built-up Roof Sample Analysis (One Square Foot Coupon) Complete Design of Wearing Surface for a Given Asphalt and Aggregate, State of California or Marshall Method Extraction, Percent Bitumen Film Stripping Review of Asphalt Mix Design Flash Point	\$130.00 each Upon Request 125.00 each τ 54.00 each 120.00 each
Built-up Roof Sample Analysis (One Square Foot Coupon) Complete Design of Wearing Surface for a Given Asphalt and Aggregate, State of California or Marshall Method Extraction, Percent Bitumen Film Stripping Review of Asphalt Mix Design Flash Point Marshall Stability and Flow Set of 3 (without stability stability and Flow Set of 3 (without stability st	\$130.00 each Upon Request 125.00 each τ 54.00 each
Built-up Roof Sample Analysis (One Square Foot Coupon) Complete Design of Wearing Surface for a Given Asphalt and Aggregate, State of California or Marshall Method Extraction, Percent Bitumen Film Stripping Review of Asphalt Mix Design Flash Point Marshall Stability and Flow, Set of 3 (without mixing) Moisture Content (Xylene Reflex Motherd)	\$130.00 each Upon Request 125.00 each 54.00 each 120.00 each 60.00 each
Built-up Roof Sample Analysis (One Square Foot Coupon) Complete Design of Wearing Surface for a Given Asphalt and Aggregate, State of California or Marshall Method Extraction, Percent Bitumen Film Stripping Review of Asphalt Mix Design Flash Point Marshall Stability and Flow, Set of 3 (without mixing) Moisture Content (Xylene Reflux Method) Penetration Test, Each Temperature	\$130.00 each Upon Request 125.00 each 54.00 each 120.00 each 60.00 each 130.00 each
Built-up Roof Sample Analysis (One Square Foot Coupon) Complete Design of Wearing Surface for a Given Asphalt and Aggregate, State of California or Marshall Method Extraction, Percent Bitumen Film Stripping Review of Asphalt Mix Design Flash Point Marshall Stability and Flow, Set of 3 (without mixing) Moisture Content (Xylene Reflux Method) Penetration Test, Each Temperature Stabilometer Test, including Mixes 2	\$130.00 each Upon Request 125.00 each τ 54.00 each 120.00 each 60.00 each 130.00 each
Built-up Roof Sample Analysis (One Square Foot Coupon) Complete Design of Wearing Surface for a Given Asphalt and Aggregate, State of California or Marshall Method Extraction, Percent Bitumen Film Stripping Review of Asphalt Mix Design Flash Point Marshall Stability and Flow, Set of 3 (without mixing) Moisture Content (Xylene Reflux Method) Penetration Test, Each Temperature Stabilometer Test, including Mixing Sample Stabilometer Test, on Promited Sample *D-1560	\$130.00 each Upon Request 125.00 each 120.00 each 120.00 each 130.00 each 130.00 each 36.00 each
Built-up Roof Sample Analysis (One Square Foot Coupon) Complete Design of Wearing Surface for a Given Asphalt and Aggregate, State of California or Marshall Method Extraction, Percent Bitumen Film Stripping Review of Asphalt Mix Design Flash Point Marshall Stability and Flow, Set of 3 (without mixing) Moisture Content (Xylene Reflux Method) Penetration Test, Each Temperature Stabilometer Test, including Mixing Sample Stabilometer Test, on Promited Sample *D-1560	\$130.00 each Upon Request 125.00 each 120.00 each 120.00 each 130.00 each 130.00 each 36.00 each Upon Request
Built-up Roof Sample Analysis (One Square Foot Coupon) Complete Design of Wearing Surface for a Given Asphalt and Aggregate, State of California or Marshall Method Extraction, Percent Bitumen Film Stripping Review of Asphalt Mix Design Flash Point Marshall Stability and Flow, Set of 3 (without mixing) Moisture Content (Xylene Reflux Method) Penetration Test, Each Temperature Stabilometer Test, including Mixing Sample Stabilometer Test, on Premixed Sample Swell Test Unit Weight of Asphalt Cases of	\$130.00 each Upon Request 125.00 each 54.00 each 120.00 each 60.00 each 130.00 each 36.00 each Upon Request Upon Request
Built-up Roof Sample Analysis (One Square Foot Coupon) Complete Design of Wearing Surface for a Given Asphalt and Aggregate, State of California or Marshall Method Extraction, Percent Bitumen Film Stripping Review of Asphalt Mix Design Flash Point Marshall Stability and Flow, Set of 3 (without mixing) Moisture Content (Xylene Reflux Method) Penetration Test, Each Temperature Stabilometer Test, including Mixing Sample Stabilometer Test, on Premixed Sample Swell Test Unit Weight of Asphalt Core or Comments 2	\$130.00 each Upon Request 125.00 each 120.00 each 120.00 each 130.00 each 130.00 each 130.00 each Upon Request Upon Request 60.00 each
Built-up Roof Sample Analysis (One Square Foot Coupon) Complete Design of Wearing Surface for a Given Asphalt and Aggregate, State of California or Marshall Method Extraction, Percent Bitumen Film Stripping Review of Asphalt Mix Design Flash Point Marshall Stability and Flow, Set of 3 (without mixing) Moisture Content (Xylene Reflux Method) Penetration Test, Each Temperature Stabilometer Test, including Mixing Sample Stabilometer Test, on Premixed Sample Swell Test Unit Weight of Asphalt Core or Compacted Sample *D-2726 Theoretical Specific Gravity	\$130.00 each Upon Request 125.00 each 125.00 each 120.00 each 130.00 each 130.00 each 36.00 each Upon Request Upon Request 60.00 each 47.00 each
Built-up Roof Sample Analysis (One Square Foot Coupon) Complete Design of Wearing Surface for a Given Asphalt and Aggregate, State of California or Marshall Method Extraction, Percent Bitumen Film Stripping Review of Asphalt Mix Design Flash Point Marshall Stability and Flow, Set of 3 (without mixing) Moisture Content (Xylene Reflux Method) Penetration Test, Each Temperature Stabilometer Test, including Mixing Sample Stabilometer Test, on Premixed Sample Swell Test Unit Weight of Asphalt Core or Compacted Sample Theoretical Specific Gravity Emulsion pH	\$130.00 each Upon Request 125.00 each 125.00 each 120.00 each 130.00 each 130.00 each 36.00 each Upon Request Upon Request Upon Request 60.00 each 47.00 each 78.00 each
Built-up Roof Sample Analysis (One Square Foot Coupon) Complete Design of Wearing Surface for a Given Asphalt and Aggregate, State of California or Marshall Method Extraction, Percent Bitumen *D-2172 Film Stripping Review of Asphalt Mix Design Flash Point *D-3143 Marshall Stability and Flow, Set of 3 (without mixing) *D-1559 Moisture Content (Xylene Reflux Method) *D-1461 Penetration Test, Each Temperature *D-5 Stabilometer Test, including Mixing Sample *D-1560 Stabilometer Test, on Premixed Sample Swell Test Unit Weight of Asphalt Core or Compacted Sample *D-2726 Theoretical Specific Gravity *D-2041 Emulsion Sieve Test	\$130.00 each Upon Request 125.00 each 125.00 each 120.00 each 120.00 each 130.00 each 130.00 each 36.00 each Upon Request Upon Request Upon Request 60.00 each 47.00 each 78.00 each 52.00 each
Built-up Roof Sample Analysis (One Square Foot Coupon) Complete Design of Wearing Surface for a Given Asphalt and Aggregate, State of California or Marshall Method Extraction, Percent Bitumen Film Stripping Review of Asphalt Mix Design Flash Point Marshall Stability and Flow, Set of 3 (without mixing) Moisture Content (Xylene Reflux Method) Penetration Test, Each Temperature Stabilometer Test, including Mixing Sample Swell Test Unit Weight of Asphalt Core or Compacted Sample Emulsion pH Emulsion Sieve Test Emulsion Residue by Evaporation *D-244 Emulsion Residue by Evaporation	\$130.00 each Upon Request 125.00 each 125.00 each 120.00 each 130.00 each 130.00 each 36.00 each Upon Request Upon Request Upon Request 60.00 each 47.00 each 78.00 each 70.00 each
Built-up Roof Sample Analysis (One Square Foot Coupon) Complete Design of Wearing Surface for a Given Asphalt and Aggregate, State of California or Marshall Method Extraction, Percent Bitumen Film Stripping Review of Asphalt Mix Design Flash Point Marshall Stability and Flow, Set of 3 (without mixing) Moisture Content (Xylene Reflux Method) Penetration Test, Each Temperature Stabilometer Test, including Mixing Sample Swell Test Unit Weight of Asphalt Core or Compacted Sample Swell Test Unit Weight of Asphalt Core or Compacted Sample Emulsion pH Emulsion Sieve Test Emulsion Residue by Evaporation *D-244 Emulsion Viscosity @ 77° F	\$130.00 each Upon Request 125.00 each 125.00 each 120.00 each 130.00 each 130.00 each 36.00 each Upon Request Upon Request Upon Request 60.00 each 47.00 each 78.00 each 70.00 each 104.00 each
Built-up Roof Sample Analysis (One Square Foot Coupon) Complete Design of Wearing Surface for a Given Asphalt and Aggregate, State of California or Marshall Method Extraction, Percent Bitumen Film Stripping Review of Asphalt Mix Design Flash Point Marshall Stability and Flow, Set of 3 (without mixing) Moisture Content (Xylene Reflux Method) Penetration Test, Each Temperature Stabilometer Test, including Mixing Sample Stabilometer Test, on Premixed Sample Swell Test Unit Weight of Asphalt Core or Compacted Sample Find Test Unit Weight of Asphalt Core or Compacted Sample Find Test Emulsion Sieve Test Emulsion Residue by Evaporation Emulsion Viscosity @ 77° F Ferceyery from Deferments of F	\$130.00 each Upon Request 125.00 each 125.00 each 120.00 each 130.00 each 130.00 each 36.00 each Upon Request Upon Request Upon Request 60.00 each 47.00 each 78.00 each 70.00 each
Built-up Roof Sample Analysis (One Square Foot Coupon) Complete Design of Wearing Surface for a Given Asphalt and Aggregate, State of California or Marshall Method Extraction, Percent Bitumen Film Stripping Review of Asphalt Mix Design Flash Point Marshall Stability and Flow, Set of 3 (without mixing) Moisture Content (Xylene Reflux Method) Penetration Test, Each Temperature Stabilometer Test, including Mixing Sample Swell Test Unit Weight of Asphalt Core or Compacted Sample Emulsion pH Emulsion Sieve Test Emulsion Residue by Evaporation *D-244 Emulsion Residue by Evaporation	\$130.00 each Upon Request 125.00 each 125.00 each 120.00 each 130.00 each 130.00 each 36.00 each Upon Request Upon Request Upon Request 60.00 each 47.00 each 78.00 each 70.00 each 104.00 each



METALS

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Bend Test	\$30.00 each
Sciornation, Kemiorchid Steel	20.00 000
wachining Costs	Cost 200/
r re-oness wire, relisite and Elondstion	52.00 analis
Frooi rest on Post-tension Assembly	Lloop Poqueet
reusite up to and including #5 par	40.00 abab
Greater than #5 bar	. 69.00 each
rensile and bend as a Set	
Up to and including #6 bar	. 55.00 each
Greater than #6 bar	60.00
Weight Or Coating, Spray Applied Firencoffing Set of 3	EE 00
Tigly Tellslie and Elongation of Reinforcing Steel Boroup to and industrial 45	EE OO
Yield, Tensile and Elongation of Reinforcing Steel Bars greater than #5	70.00 each
Bolts BOLT TESTING	
Proof Load	Upon Request
Ultimate Load	
Hardness Nuts	Upon Request
Nuts Proof Load	
Hardness	Upon Request
Hardness Washers	Upon Request
Hardness	
	Upon Request
WELDING QUALIFICATIONS – STRUCTURAL STEEL PHYSICAL TEST METHOD (ASME, AWS, API) Witnessing of Operator and Procedure	\$67.00 per hr.
Operator Performance Tests Groove Weld Limited Thickness	·
Unlimited Thickness	Upon Request
Pipe Welding	Upon Request
Pipe Welding 1G and 2G Position 3G and 4G Position	Upon Request Upon Request
Procedure Tests	
Groove Weld	
Limited Thickness	Upon Request
Unlimited Thickness	Upon Request
ripe weiding	Opon Request
1G and 2G Position	Upon Request
3G and 4G Position	Upon Request
Light Gauge Structural Metals	Opon Nequest
Light Course Durawa Li Langua de la langua d	
Light Gauge Butt Weld, Vertical and Overhead	\$138.00 per set
Plug Weld Test	98.00 per set

^{*}All Tests are conducted in accordance with ASTM Standards unless otherwise specified.

BK- 0211 PG- 4360 02/23/2011

