

October 19, 2018

Mr. Kevin Porter, P.E. City of Sparks 431 Prater Way Sparks, Nevada 89431 kporter@cityofsparks.us

**RE:** El Rancho Sewer Improvements PWP#WA-2018-271

RN18XXX

Dear Mr. Porter,

Poggemeyer Design Group, Inc. (PDG) is pleased to provide City of Sparks (Sparks) this proposal for construction management and inspection services. Black Eagle Consulting has been included in this proposal per your request to provide their services. The team also maintains a current City of Sparks Business Licenses. This proposal has been developed to provide PDG's project understanding, our proposed scope of services and our proposed fee as requested.

## **Project Understanding**

 The City of Sparks has designed and bid the El Rancho Sewer Improvements project. The recommendation for award has already been developed and submitted. The construction award is scheduled to occur on October 22, 2018.

### Scope of Work

PDG, with the addition of Black Eagle Consulting, is poised to provide construction management during construction. The City of Sparks developed bid documents (stamped August 27, 2018) and Axion Engineering has completed the geotechnical analysis (dated March 19, 2018) and design (dated August 2018). We are in receipt of these documents and they form the basis of our proposal.

### Task 1 - Construction

PDG, with the addition of Black Eagle Consulting, will represent the Owner during the construction of the El Rancho Sewer Improvements project. We will act as an extension of your staff and report directly to City of Sparks personnel.

- City of Sparks Project Team
  - City contacts and roles:
    - City of Sparks Construction Administration Contacts
      - It is understood that Kevin Porter will be the primary point of contact initially but will be out on extended leave during most of the construction period
        - Contractor notices, correspondence, and identified documents will be forwarded to Kevin Porter for review and to Amber Sosa for information during Kevin Porter's absence
      - Jon Ericson, P.E., City Engineer will be the overall point of contact during Kevin Porter's absence
        - Contractor notices, correspondence, and identified documents will be forwarded for Jon Ericson's review
      - Amber Sosa will receive, review, and accept/approve the traffic control plans
      - Robert Schricker will be the operations contact
      - A sewer crew supervisor will be the primary contact for submittals regarding contractor operations, specifically bypass activities and operation, and acceptance of submittals as required
    - Construction Services
      - Jon Ericson, P.E., City Engineer will be the overall point of contact during your absence
- A/E services during construction will be provided by Axion Engineering
  - Submittal review will be provided for the following:
    - Contract
    - Material
    - Equipment
    - Testing
    - Other (as required)
- Construction Administration

- Kick-off meeting (currently scheduled for October 22, 2018)
- Pre-Construction meeting
- Construction administration
  - Construction management
  - Inspection
    - Inspection (half time), daily reporting, and photos
  - Inspection (Oddie Boulevard and El Rancho overtime intersection)
- Schedule of Value review
- Routing submittals from the Contractor to Axion and returning
  - Archiving submittals
- Receiving, reviewing, and archiving project correspondence
- o Receiving, reviewing, and archiving project schedules (initial and updates)
- Pay application analysis and processing
- Special inspection and testing by Black Eagle Consulting
  - The on-call list has been provided from the City of Sparks
  - PDG proposes utilizing Black Eagle Consulting for special inspection and testing
- Surveying to be provided by the City of Sparks
  - City of Sparks will be providing surveying services for this project

## Project Schedule

The Notice To Proceed has been discussed with the Contractor and it is anticipated that they desire and will request to begin the project on or around December 3, 2018. The project duration is 80 calendar days. The project requirements require the work to be completed Monday thru Friday, 7 a.m. – 7 p.m. As a result, 16 weeks will be anticipated and budgeted. Additionally, the installation completed in the Oddie Boulevard and El Ranch intersection will be performed between 8 p.m. – 6 a.m. Because of this specific condition 5 days will be anticipated and budgeted.

### **Fees**

PDG will perform the services as outlined above as follows:

Total: .....\$117,456.55

Reimbursable expenses such as prints, copying, etc. will be billed additionally. The reproducible costs will be itemized as applicable in each invoice.

### **Terms and Conditions**

Work outside the established SCOPE OF WORK can be performed on a time and materials basis in accordance with our current fee schedule. A standard fee schedule is attached and incorporated into this proposal. This proposal is valid for 30 working days from the date of this letter.

PDG will send monthly progress billings on this project. The amount of these billings will be based upon the time and materials for the work completed. The terms are 'Due upon Receipt' and accounts are past due after 45 days. Accounts over 45 days old will be subject to interest at the rate of 1 ½% per month and such collection action as may be necessary to collect the account. In addition, a "Stop Work Order" may be issued on past due accounts. In this case, no further work will be performed until the account is brought current.

Thank you for the opportunity to provide you with this proposal, and if you have any questions please do not hesitate to call me at (775) 857-3330.

Sincerely,

Rodney Savini, P.E.

Northern Nevada Operations Manager

# El Rancho Sewer Improvements PWP#WA-2018-271

## **Construction Management Fee Estimate**

k and Scope			-	_		_			
Task 1: Construction Administration	Staff Classification	Hours	Hourly Rate	Sub	ototal	PD	G Total	Subconsult	tant
Daily Project Requirements									
Kick-off Meeting week of October 22, 2018	Project Manager	2	\$150.00	\$	300.00	\$	300.00		
Pre-Construction Meeting (to be scheduled)	Project Manager	4	\$150.00	\$	600.00	\$	600.00		
	Inspector	2	\$102.00	\$	204.00	\$	204.00		
	Clerical	2	\$65.00	\$	130.00	\$	130.00		
Construction Administration	Project Manager	72	\$150.00	\$	10,800.00	\$	10,800.00		
	Inspector (approx. half time)	450	\$102.00	\$	45,900.00	\$	45,900.00		
	Inspector (Overtime)	0	\$127.50	\$		\$			
	Clerical	36	\$65.00	\$	2,340.00	\$	2,340.00		
	Vehicle					\$	3,181.82		
					TOTALS:	\$	63,455.82	\$	
Oddie Boulevard and El Rancho Intersection	Staff Classification	Hours	Hourly Rate	Sub	total	PD	G Total	Subconsult	tant
Construction Administration	Project Manager	8	\$150.00	\$	1,200.00	\$	1,200.00		
	Inspector (Overtime)	30		_	3,825.00	\$	3,825.00		
	Clerical	10			650.00	\$	650.00		
	Vehicle		5			\$	397.73		
					TOTALS:	\$	6,072.73	\$	-
Special Inspection and Testing	Black Eagle Consulting							Subconsult	
Testing and Inspection									41,318.00
Laboratory Testing								\$	5,130.00
Administration		.1						\$	1,480.00

TOTALS:	\$	69,528.55	\$ 47,928.00
	GR	AND TOTAL:	\$ 117,456.55

ubconsultant	Week of	Week of	Week of	Week of 12/24	Week of 12/31	Week of		Week of 2/25	Week of	Week of 3/11	Week of 3/18	Week of 3/25	Total Working Days					
abconsuitant	5	5	5 5	4	4	5	5	4	5	5	5	4	5	5 5	5	5	4	

# **Quality Control Project Estimation Worksheet**

Project Name: El Rancho Sewer Projec Date: 10/18/18

Prepared for: Poggemeyer

									-		THE STREET	WELLION E		EQUIP	EQUIP & VEHICLE		TOTAL
TY#W	WORK	UNITS	PROD.	WORK	TECH	TECH	1 245	ECH	TECH	EQUIP	EQUIP & VEHICLE	VEHICLE		10000			COST
DESCRIPTION	CODE		RATE	DAYS	HRS/DAY	HOURS	R	ATE	COST	CODE	HOURS	RATE		RATE	COST	0	6051
Mass Grading/Overexcavation	132		1.0				\$		\$ -	1.00		\$8.00	\$	10.00		4	
Building Pad Agg Base	135	- 1	1.0				\$		\$ -	1.00		\$8.00	\$		\$ -	ů,	1
Building subgrade	132	1	1.0				\$		\$ -	1.00		\$10.00	\$	-7-	\$ -	ψ	
Site Improvements Subgrade	132		1.0				\$		\$ -	1.00		\$10.00	\$		\$ -	\$	1
Site Improvements Agg Base	135	- 1	1.0				\$		\$ -	1.00		\$10.00	\$	10.00	\$ -	\$	
Footing Inspection	133		1.0				\$	95.00	\$ -	1.00		\$10.00	\$	10,00	\$ -	3	
Utilities									\$ -	1				40.00	•	\$	-
Site/Building Pad Utilities	134		1.0				\$		\$ -	1.00		\$10.00	\$	10.00	\$ -	٦	
Water	134		1.0				\$		\$ -	1.00		\$10.00	\$	10.00	\$ -	Φ	35,840.00
Sewer	134	80.0	1.0	80	4	320	\$		\$ 32,640.00		320	\$5.00	\$	5.00	\$ 3,200.00	3	
Sewer OT	134	3.0	1.0	3	12	36	\$		\$ 4,590.00		36	\$5.00	\$	5.00	\$ 360.00	\$	4,950.00
Storm Drain	134		1.0				\$	95.00	\$ -	1.00		\$10.00	\$	10.00	\$	\$	
Site Work												040.77					
Site Concrete/Rebar Inspection	138	- 1	1.0				\$		\$ -	1.00		\$10.00	\$	-	-	1 2	1
Pick-up cylinders	138	- 1	1.0				\$		\$ -	1.00		\$10.00	\$	-	\$ -	3	-
A.C. Paving	137		1.0				\$	95.00	\$ -	1.00		\$10.00	\$	10.00	\$ -	\$	500.00
A.C. Coring	147	1.0	1,0	1	4	4	\$	102.00	\$ 408.00	1,00	4	\$5.00	\$	25.00	\$ 120.00	\$	528.00
Rockery Walls	131		1.0				\$	95.00	\$ -	1.00			_			\$	-
Special Inspection																١.	
Spread Footings Rebar	149	- 1	1.0				\$	95.00	\$ -	1.00		\$10.00	l		\$ -	\$	
CMU Screen Wall	149	- 1	1.0				\$	95.00	\$ -	1,00		\$10.00	ı		\$ -	\$	
SOG/SOD rebar	149	- 1	1.0				\$	95.00	\$ -	1,00		\$10.00	ı		\$ -	\$	- 1
Panel Rebar	149	- 1	1.0				\$	95.00	\$ -	1.00		\$10.00	l		\$ -	\$	•
Retaining Walls Rebar	149	- 1	1.0				\$	95.00	\$ -	1.00		\$10.00	1		\$ -	\$	- 1
Closure Strip Rebar	149	- 1	1.0				\$	95.00	\$ -	1.00		\$10.00	l		\$ -	\$	
Epoxy/Anchors	155	I	1.0				\$	95.00	\$ -	1.00		\$10.00	l		\$ -	\$	
Shop Welding	150	- 1	1.0				l s	95.00	\$ -	1.00		\$10.00	l		\$ -	\$	- 1
Field Welding/Bolting	150	- 1	1.0				\$	95.00	\$ -	1.00		\$10.00	ı		\$ -	\$	-
Bolting	150	- 1	1.0				l s	95.00	\$ -	1.00		\$10.00	l		\$ -	\$	- 1
Siemic/Roofing/Shear Nailing	161	- 1	1.0				s	95.00	\$ -	1.00		\$10.00	ı		\$ -	\$	
Pacometer	""	- 1	1.0				\$		\$ -	1.00		\$10.00			\$ -	\$	- 1
Building Concrete	-																
Batch Plant	140		1.0				\$		\$ -	1.00		\$10.00	1		-	\$	- 1
Spread Footings PCC	138	I	1.0				\$		\$ -	1.00		\$10.00			-	\$	: 1
S0G/SOD PCC	138	- 1	1.0				\$	95.00	\$ -	1.00		\$10.00	l		\$ -	\$	- 1
Panels	138		1.0				\$	95.00	\$ -	1.00		\$10.00			\$ -	\$	-
Closure Strip	138		1.0				\$	95.00	\$ -	1.00		\$10.00	1		-	\$	-
Loading Dock SOG	138		1.0				\$	95.00	\$ -	1.00		\$10.00	1		\$ -	\$	-
CMU Bidg Walls Grout	138		1.0				\$	95.00	\$ -	1.00		\$10.00	1		\$ -	\$	-
CMU Screen Wall	151		1.0				\$	95.00	\$ -	1.00		\$10.00			\$ -	\$	-
Spandrels	138		1.0				\$	95.00	\$ -	1.00		\$10.00	1		\$ -	\$	-
Trash Enclosure	138		1.0				\$		\$ -	1.00		\$10.00	l		\$ -	\$	-
Tidon Endodro									\$ -	JUL .							
Totals:	1 1			84		360	1		\$ 37,638.00		360				\$ 3,680.00	\$	41,318.00

SUBTOTAL TESTING AND INSPECTION \$ 41,318.00

### LABORATORY TESTING

		_		_	
DESCRIPTION	QUANT		RATE		COST
Atterberg Limits (70-020)	3	\$	120.00	\$	360.00
Proctor (70-080)	5	\$	225.00	\$	1,125.00
Sieve (70-00)	4	\$	130.00	\$	520.00
R-Value	1	\$	300.00	\$	300.00
Fractured Face	1	\$	80.00	\$	80.00
LAR	2	\$	180.00	\$	360.00
Cylinders (Set of 5) (70-360)	2	\$	125.00	\$	250.00
Cores (Set of 3) (70-390)	3	\$	105.00	\$	315.00
Extraction (70-530)	4	\$	130.00	\$	520.00
Gradation (70-540)	4	\$	100.00	\$	400.00
Rice (70-590)	4	\$	100.00	\$	400.00
Marshall (70-550)	2	\$	250.00	\$	500.00
Masonry Grout (Set of 3) (70-410)		\$	75.00	\$	-
Masonry Mortar (Set of 3) (70-420)		\$	75.00	\$	-
Masonry Units (70-450)		\$	60.00	\$	-
Geo Chemical		\$	50.00	\$	

SUBTOTAL LABORATORY TESTING \$ 5,130.00

VEHICLE MILEAGE

MILES/TRIP	TRIPS	MILES	R	ATE	COST	
			\$	1.25	\$	-

### PROJECT MANAGEMENT

P)SSC.	QUANT.	RATE	COST
President		\$ 175.00	\$ -
Senior Consultant		\$ 175.00	\$ -
Division Manager		\$ 150.00	\$ -
Project Manager (Eng)		\$ 150.00	\$ -
Project Engineer		\$ 110.00	\$ -
Eng Support Staff (low)		\$ 92.00	\$ -
Project Manager (Const./Insp)	8	\$ 150.00	\$ 1,200.00
Clerical	4	\$ 60.00	\$ 240.00
Computer	4	\$ 10.00	\$ 40.00
Supplies			\$ -
Copying		\$ 0.25	\$ -
Fax			\$ -
Telephone			\$ -
Drafting		\$ 75.00	\$ 

SUBTOTAL ADMINISTRATION \$ 1,480.00



Black Eagle Consulting, Inc. Geotechnical & Construction Services

TOTAL PROJECT COSTS: \$ 47,928.00

Mr. Rod Savini, P.E.
Northern Nevada Operations Manager
Poggemeyer Design Group
1575 Delucchi Lane, Ste. 111
Reno, NV 89502
rsavini@poggemeyer.com

Exhibit A October 19, 2018

RE: Proposal to Provide Material Testing Services El Rancho Sewer Improvements Project Sparks, Nevada

Dear Mr. Savini:

Black Eagle Consulting, Inc. (BEC) is pleased to present the following budget estimate to provide material testing services for the El Rancho Sewer Improvements project located in Sparks, Nevada. An estimated cost for this project is based on the following information:

- Project drawings titled City of Sparks El Rancho Sewer Improvement Plans (PWP #WA-2018-271), prepared by Axion Engineering.
- Project specifications titled El Rancho Sewer Improvements.
- Standard Specifications for Public Works Construction (SSPWC), 2012.
- Phone conversations with you on October 18, 2018.

Based on the information noted above, we anticipate the following scope of work:

### **Testing Services**

- Our inspector will make 80 site visits at 4 hours each for material testing of the subgrade, backfill, aggregate base, and plant mix materials.
- Our inspector will make 3 site visits at 12 hours (overtime) each for material testing of the subgrade, backfill, aggregate base, and plant mix materials during the marathon weekend work at the El Rancho/Oddie Boulevard intersection.

### **Laboratory Services**

- We have budgeted 3 Atterberg limits, 5 Proctor curves, 4 sieves, 1 R-value, 1 fractured face, and 2 resistance to degradation (LAR) tests to characterize the subgrade, backfill, and aggregate base materials.
- We have budgeted for 2 sets of concrete cylinders to be tested for compressive strength.
- We have budgeted for 4 hot-mix asphalt samples to be tested for extraction by ignition, gradation, stability, and maximum theoretical specific gravity. Three sets of pavement cores will be taken and tested for thickness and in-place air voids. Coring of the asphalt is expected to take 4 hours to complete.

### Additional Items

- A minimum of 24-hour notice will be required for scheduling of testing services.
- No allowance has been made for re-testing of any materials or workmanship not in conformance with project specifications.
- Prevailing wage rates <u>have been included</u> in this proposal.
- We have made an allowance for project management and for all field equipment required, including vehicles.

Tel: 775/359-6600

Email: mail@blackeagleconsulting.com

Fax: 775/359-7766

We estimate a cost of \$47,928.00 to perform material testing services for this project. This price is based on our current 2018 Standard Rates for Services and is valid for a period of 90 days from the date of this proposal. If work is authorized after 90 days has expired, our budget may need to be modified to reflect any adjustments to our Standard Rates for Services in effect at that time. Our actual costs will be directly associated with the contractor's production and efficient coordination of the work.

Unless Black Eagle Consulting, Inc. executes a contract to the contrary, all services will be performed on a time-and-materials basis in accordance with our Standard Rates for Services in effect at the time of service. Services rendered by Black Eagle Consulting, Inc. under this agreement will be conducted in a manner consistent with that level of care and skill ordinarily expected by members of the profession currently practicing under similar conditions. No other warranty, expressed or implied, is made.

We greatly appreciate having the opportunity to submit this proposal and look forward to working with you on this project. If you have any questions, or require any additional information, please feel free to call us.

Sincerely,

Black Eagle Consulting, Inc.

Shane Cocking, P.E. Project Manager

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Enclosure:

2018 Standard Rates for Services

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# BLACK EAGLE CONSULTING, INC.

## 2018 STANDARD RATES FOR SERVICES

The following lists a schedule of fees associated with engineering, materials testing, and construction testing and inspection support services. For projects lasting less than 4 weeks, invoices will be submitted upon project completion, while monthly invoices will be submitted for projects that last longer than 4 weeks. Overtime is defined as any hour of service provided in excess of 40 hours in a single week or any hour of service provided on a Saturday or Sunday. Any overtime work will be invoiced at time and one-quarter. Double time is defined as any hour of service provided on a holiday. Any double time work will be invoiced at double time.

SUPPORT SERVICE	RATE/HOUR
President Vice President Senior Consultant	\$175.00 \$175.00 \$175.00
ENGINEERING: Division Manager Project Manager Project Engineer/Geologist Engineering Technician Drafting	\$155.00 \$140.00 \$115.00 \$ 95.00 \$ 75.00
MATERIALS TESTING: Division Manager Senior Materials Technician Materials Technician Materials Technician Trainee	\$155.00 \$110.00 \$ 90.00 \$ 75.00
CONSTRUCTION TESTING AND INSPECTION: Division Manager Project Manager Field Manager Inspector	\$155.00 \$120.00 \$110.00 \$102.00
TRAVEL AND EQUIPMENT:  Vehicle Mileage Per Diem Nuclear Densometer Coring Machine Pachometer Torque Wrench Skidmore-Wilhelm Bolt Tension Ultrasonic Equipment Paint Thickness Gauge Schmidt Hammer Vane Shear HERZ ReMi Geophysical Crosshole Sonic Logging	\$ 10.00 \$ 2.00/mile P.O.R.* \$ 10.00 \$ 25.00 \$ 10.00 \$ 10.00 \$ 10.00 \$ 10.00 \$ 10.00 \$ 10.00 \$ 60.00 \$ 60.00/day
CLERICAL: Clerical/Word Processor Computer Supplies Copying Color Copies: 8-1/2" x 11" Color Copies: 11" x 17"	\$ 60.00 \$ 10.00 Cost + 10% \$ 0.25/page \$ 1.00/page \$ 2.00/page
OUTSIDE SERVICES:	Cost + 10%

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# BLACK EAGLE CONSULTING, INC.

# 2018 STANDARD RATES FOR SERVICES

# 2018 LABORATORY SERVICES SCHEDULE OF CHARGES

<u>TESTS</u>	<u>UNIT PRICE</u>
SOILS TESTING: Moisture Content (ASTM D 2216) Moisture Content and Dry Density (ASTM D 2937) Atterberg Limit (ASTM D 4318) Minus 200 Wash (ASTM D 1140) Standard Sieve Analysis Combined Sieve Analysis Hydrometer Analysis minus No. 10 (ASTM D 422) Soil Specific Gravity (ASTM D 854) R-Value, Untreated Field Sample (ASTM D 2844) Consolidation, 4 points & 1 Rebound Point (ASTM D 2435) Direct Shear, UU, CU, CD (ASTM D 3080) Unconfined Compression (ASTM D 2166) Durability Index Permeability (4-inch Rigid Wall Mold, Falling Head or Constant Volume, Remolded Sample) California Bearing Ratio	\$ 25.00/test \$ 35.00/test \$ 120.00/test \$ 100.00/test \$ 90.00/test \$ 130.00/test \$ 225.00/test \$ 300.00/test \$ 350.00/test \$ 350.00/test \$ 120.00/test \$ 400.00/test \$ 700.00/test
Resistivity (Miller Soil Box) Standard Proctor Compaction (ASTM D 698) a.) Method A or B (4-inch mold) b.) Method C (6-inch mold) Modified Proctor Compaction (ASTM D 1557) a.) Method A or B (4-inch mold) b.) Method C (6-inch mold) Compaction Check Point (4-inch or 6-inch mold) Rock Correction (ASTM D 4718) Harvard Miniature (Nev T-101)	\$100.00/test \$170.00/test \$195.00/test \$200.00/test \$225.00/test \$100.00/test \$200.00/test
AGGREGATE TESTING: Standard Sieve Analysis Combined Sieve Analysis Atterberg Limit (ASTM D 4318) Moisture Content (ASTM D 2216) Specific Gravity Fine Aggregate with Absorption (ASTM C 128) Specific Gravity Coarse Aggregate with Absorption (ASTM C 127) Clay Lumps and Friable Particles (ASTM C 142) Flat and Elongated Particles (CRD 119, 120) Fractured Faces (Nev T-230) Sand Equivalent (ASTM D 2419) Cleanness Test of Aggregate Organic Impurities (ASTM C 40) Dry Unit Weight of Aggregate (ASTM C 29) Sodium Soundness of Aggregate (ASTM C 88) Los Angeles Rattler, 1.5 inch minus aggregate size (ASTM C 131) Los Angeles Rattler, greater than 1.5 inch aggregate size (ASTM C 535)	\$100.00/test \$125.00/test \$120.00/test \$25.00/test \$100.00/test \$90.00/test \$80.00/test \$80.00/test \$120.00/test \$120.00/test \$130.00/fest \$130.00/fest \$130.00/test \$130.00/test
PORTLAND CEMENT TESTING: Compression of Concrete Cylinder (ASTM C 39) Compression of Grout Cylinder (UBC 24-28) Compression of Mortar Cylinder (UBC 24-22) Hold Cylinder (cured but not tested) Compression of Cored Concrete (ASTM C 42) Compression of Shotcrete Flexural Strength of Concrete Beams (ASTM C 78, C 293) Splitting Tensile Strength of Concrete Cylinder (ASTM C 496)	\$ 25.00/ea. \$ 25.00/ea. \$ 25.00/ea. \$ 20.00/ea. \$ 40.00/ea. \$ 100.00/ea. \$ 90.00/ea \$ 50.00/ea



# BLACK EAGLE CONSULTING, INC.

### 2018 STANDARD RATES FOR SERVICES

### MASONRY TESTING:

Compression of Masonry Unit (ASTM C 140) (Set of 3) \$180.00/set Compression of Masonry Prism (ASTM C 1314) \$140.00/ea. Shrinkage (Set of 3) \$450.00/set Moisture (Set of 3) \$120.00/set

#### ASPHALT CONCRETE TESTING:

Bitumen Content by Ignition \$130.00/test Asphalt Gradation \$100.00/test Marshall Stability and Flow, Compaction and Unit Weight (ASTM D 1559) \$250.00/test Maximum Theoretical Specific Gravity (ASTM D 2041) \$100.00/test Unit Weight of Asphalt Cores (ASTM D 2726) \$ 35.00/ea. Hveem Compaction and Stability \$150.00/ea. Hot Mix Asphalt Mix Design P.O.R.\* CTB Mix Design P.O.R.\*

### **MISCELLANEOUS:**

Mobile Asphalt/Soils Testing Laboratory \$150.00/working day\*\*
Special Handling \$75.00/hr.
Rush Charge 50% Additional Charge

#### ADDITIONAL INFORMATION

Laboratory test unit prices are based upon the average running time required for each test. Special research, sample or equipment preparation or laboratory consulting will be based upon hourly personnel charges. Fixed unit prices do not include extra preparation time for large bulk samples, saturated samples or extremely clayey samples. This time will be invoiced on a per-hour basis. Special report preparation and data presentation beyond industry standards will also be invoiced on a per-hour basis. Cost estimates for hourly charges will be provided on a project-specific basis upon request.

Any specialized testing not covered by this fee schedule will be developed or subcontracted out under Black Eagle Consulting, Inc. supervision. Costs for these tests will be time-and-materials. When applicable, subcontractors' fees will be invoiced at cost plus ten (10) percent.

All samples will be discarded thirty (30) days after submission of our report, unless otherwise directed by the client. Upon request, Black Eagle Consulting, Inc. will deliver samples to the client, shipping collect on delivery, or will store them for an agreed charge.

<sup>\*</sup> Price on request

<sup>\*\*</sup>Excludes mobilization/demobilization which is performed on a time-and-materials basis.