



300 Sierra Manor Drive, Suite 1  
Reno, NV 89511

November 22, 2021

Mr. Salvador A. Pleitez, PE, MBA  
**CITY OF FERNLEY ENGINEERING DEPT.**  
595 Silver Lace Blvd.  
Fernley, NV 89408

**RE: City of Fernley Villa Park Sewer Main Replacement – Phase 2  
Fernley, NV  
Inspection & Materials Testing Proposal**

Dear Mr. Pleitez:

CME, Inc. is pleased to provide this cost proposal for inspection and materials testing services on the referenced project.

It is understood that our scope of work is to provide on-site inspection and material testing services when required. Our inspector/testing technician will provide the on-site compaction testing of soils, aggregate base, and asphalt as well as concrete testing which includes slump, air content, concrete temperature and compressive strength cylinders. All laboratory testing will be performed in our AASHTO accredited Reno laboratory.

Based upon a review of the scope letter provided (design plans not yet available) and the requirements of the Standard Specifications of Public Works Construction, we will provide inspection and material testing services during the following improvements:

- *Utility Bedding and Backfill Compaction*
- *Aggregate Base Compaction*
- *Asphalt Concrete Placement*
- *Concrete Placement*
- *Laboratory Testing*

A detailed outline including total trips, hours per trip and associated fees is attached for your review.

The attached scope of work will include daily field reports describing construction and materials testing activities with transmittals to the project administrator. Individual test results for compaction testing and concrete testing will be provided verbally at the completion of each test. Daily written summaries of the inspection dialogues and materials testing results will be provided weekly.

Based on the documents provided and our assumed construction schedule, we will provide our services on a time and expense basis not to exceed \$43,920.00. Our services are dependent on your future construction schedule and the scope of work provided. Any changes to your schedule or the anticipated scope may result in a change in cost. All services outside the attached estimate will be provided on a time and expense basis in accordance with our current standard fee schedule.

We appreciate the opportunity to provide our inspection and materials testing services. Please do not

Mr. Salvador A. Pleitez  
**CITY OF FERNLEY**  
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hesitate to call if you have any questions or comments.

Sincerely,

**CONSTRUCTION MATERIALS ENGINEERS, INC.**



Katie B. Weagel, PE  
Project Manager  
[kweagel@cmenv.com](mailto:kweagel@cmenv.com)  
Direct: 775-737-7566  
Mobile: 775-224-9770

KBW:kbw

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**CITY OF FERNLEY  
SEWER MAIN REPLACEMENT VILLA PARK PHASE 2  
INSPECTION AND MATERIALS TESTING  
FERNLEY, NV**

CITY OF FERNLEY

DATE :

11/22/2021

ACTIVITY	QTY/DAYS	HRS/DAY	RATE	TOTAL	COMMENTS
<b>PROJECT MANAGEMENT</b>					
PROJECT MANAGER	20	2	\$ 170.00	\$ 6,800.00	COORDINATION, CONSULTATION AND REPORTS
PROJECT MANAGER	1	2	\$ 170.00	\$ 340.00	PRE-CON/SITE MEETING

UTILITIES*	DAILY TESTING - BEDDING & BACKFILL				
INSPECTOR/TECHNICIAN REG	8	6	\$ 100.00	\$ 4,800.00	~1567 LF SEWER MAIN REPLACEMENT
INSPECTOR/TECHNICIAN REG	18	6	\$ 100.00	\$ 10,800.00	~2700 LF WATER MAIN W/LATERAL REPLACEMENT
NUCLEAR GAUGE	156		\$ 10.00	\$ 1,560.00	
VEHICLE	156		\$ 10.00	\$ 1,560.00	

\*ASSUMES PRODUCTION OF APPROX 200 LF/DAY MAIN, 150 LF/DAY WITH LATERALS

AGGREGATE BASE					
INSPECTOR/TECHNICIAN REG	4	4	\$ 100.00	\$ 1,600.00	UNDER ASPHALT
INSPECTOR/TECHNICIAN REG	5	3	\$ 100.00	\$ 1,500.00	UNDER MISC CONCRETE (ROLLED CURB, ETC)
NUCLEAR GAUGE	31		\$ 10.00	\$ 310.00	
VEHICLE	31		\$ 10.00	\$ 310.00	

CONCRETE*					
INSPECTOR/TECHNICIAN REG	8	6	\$ 100.00	\$ 4,800.00	MISC C&G, SIDEWALK, IF NEEDED
VEHICLE	48		\$ 10.00	\$ 480.00	

\* INCLUDES CYLINDER PICKUP THE NEXT DAY

ASPHALT PAVING	85000SF (APPROX 2000 TONS)				
INSPECTOR/TECHNICIAN REG	4	6	\$ 100.00	\$ 2,400.00	AC THIN LIFT MONITORING INCLUDED
INSPECTOR/TECHNICIAN O.T.			\$ 130.00	\$ -	IF NEEDED
INSPECTOR/TECHNICIAN 2 REG	1	8	\$ 100.00	\$ 800.00	CORING
CORING EQUIPMENT	8		\$ 15.00	\$ 120.00	
VEHICLE	32		\$ 10.00	\$ 320.00	

**LABORATORY TESTING**

**SOILS**

MOISTURE DENSITY CURVE - BACKFILL	3		\$ 275.00	\$ 825.00	BEDDING, BACKFILL AND AGG BASE
SIEVE ANALYSIS / PI	2		\$ 220.00	\$ 440.00	BACKFILL, IF NEEDED

**ASPHALT**

FULL SERIES - ORANGE BOOK AC TESTING	4		\$ 580.00	\$ 2,320.00	1 SAMPLE PER DAY OR 500 TONS
IGNITION OVEN CORRECTION FACTOR	1		\$ 275.00	\$ 275.00	IF NEEDED
AC CORES - SET OF 3	4		\$ 240.00	\$ 960.00	1 SAMPLE PER DAY OR 500 TONS

**CONCRETE**

CYLINDERS	5		\$ 120.00	\$ 600.00	SETS OF FOUR
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**ESTIMATED TOTAL FEE: \$ 43,920.00**

**NOTES:**

BASED ON ASSUMED PROJECT SCHEDULE AND NO DESIGN PLANS. CAN BE REFINED UPON RECEIPT OF PLANS & ACTIVITY-BASED SCHEDULE

BASED ON CME PAYING NON-PREVAILING WAGE RATES

PIPE INSTALLATION INSPECTION NOT INCLUDED; INCLUDED BEDDING AND BACKFILL TESTING ONLY

OVERTIME IS NOT INCLUDED, BUT IF NEEDED, WILL BE CHARGED AT 1.3 TIMES REGULAR RATE