



300 Sierra Manor Drive, Suite 1
Reno, NV 89511

November 19, 2024

Mr. Charles A. Moore
Truckee Meadows Fire and Rescue
3663 Barron Way
Reno, NV 89511

**RE: Truckee Meadows Fire Protection District – Station Number 35
Washoe County, Nevada
Special Inspection and Materials Testing Services Proposal**

Dear Moore:

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

It is understood that our scope of work is to provide on-site certified IBC special inspection and material testing when required. Our special inspector can also provide the on-site materials testing of subgrade, aggregate base, mortar, grout and concrete. All laboratory testing will be performed in our AASHTO accredited Reno laboratory.

Based upon a review of the plans provided, the requirements of the 2018 IBC Section 1704, and the Standard Specifications of Public Works Construction, we will provide the following services that will require certified special inspection and materials testing:

- *Earthwork Grading**
- *Aggregate Base Placement*
- *Concrete Placement*
- *Reinforced Concrete Placement**
- *Structural Steel Welding**
- *Structural Steel High Strength Bolting**
- *Post Installed Anchorage Inspection**
- *Masonry**
- *Laboratory Testing*

*Special inspection required

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, special inspection, and materials testing activities. Individual test results for compaction testing and concrete testing will be provided verbally at the completion of each test. Written summaries of the inspection dialogues and materials testing results will be provided weekly.

Based on the project plans, dated September 30, 2024, and the assumed construction schedule, we will provide our services for an estimated fee of \$124,750.00. As you know, our services are dependent on the assumed construction schedule and the scope of work provided. Any changes to your schedule or the anticipated scope

Charles A. Moore
Truckee Meadows Fire Protection
November 19, 2024
Page 2

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 special inspection and materials testing services. Please do not hesitate to call if you have any questions or comments.

Sincerely,

CONSTRUCTION MATERIALS ENGINEERS, INC.



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TMFPD - STATION #35
SPECIAL INSPECTION AND MATERIALS TESTING SERVICES
RENO TECHNOLOGY PARKWAY W.

DATE : 11/19/2024

ACTIVITY	QTY/DAYS	HRS/DAY	RATE	TOTAL	COMMENTS
PROJECT MANAGER					40 WEEKS
SENIOR PROJECT MANAGER	40	1	\$ 200.00	\$ 8,000.00	COORDINATION, CONSULATATION, REPORTS
SUBMITTALS REVIEW	2	2	\$ 200.00	\$ 800.00	
PRE CON/MEETINGS	40	1	\$ 200.00	\$ 8,000.00	
PROJECT MANAGER	20	0.5	\$ 170.00	\$ 1,700.00	
VEHICLE	40		\$ 15.00	\$ 600.00	

SITE GRADING, EARTHWORK					DENSITY AND SAMPLING
INSPECTOR - (SP)	30	6	\$ 130.00	\$ 23,400.00	UNDOC FILL OVER-EX, GRADING, SLAB ON GRADE, FOUNDATION, SUBGRADE, AC PAVING, AGGREGATE BASE, PCC PAVING -
VEHICLE + EQUIPMENT	180		\$ 15.00	\$ 2,700.00	
PROCTORS	4		\$ 300.00	\$ 1,200.00	NATIVE, UNDOC FILL, AGG BASE
SIEVE ANALYSIS & PLASTICITY INDEX	3		\$ 250.00	\$ 750.00	NATIVE, UNDOC FILL, AGG BASE

UTILITY WORK*					
INSPECTOR - WATER, SD & SS	15	6	\$ 120.00	\$ 10,800.00	APPROX 2,300 LF - COMPACTION TESTING INCLUDED
VEHICLE + EQUIPMENT	90		\$ 15.00	\$ 1,350.00	
PROCTORS	1		\$ 300.00	\$ 300.00	BEDDING SAND

* ASSUME INSTALLATION RATE OF 150 LF A DAY

CONCRETE**					SAMPLE EVERY DAY OR 150 CY
TECHNICIAN REG	7	4	\$ 130.00	\$ 3,640.00	SW/FLATWORK, C&G - APPROX 192 CY
TECHNICIAN REG	2	6	\$ 130.00	\$ 1,560.00	SLAB ON GRADE - APPROX 147 CY
TECHNICIAN REG	2	6	\$ 130.00	\$ 1,560.00	APPARATUS BAY - APPROX 147 CY
TECHNICIAN REG - (SP)	3	6	\$ 130.00	\$ 2,340.00	FOOTINGS - APPROX 179 CY
TECHNICIAN REG	2	6	\$ 130.00	\$ 1,560.00	EMERGENCY VEHICLE APRONS
TECHNICIAN REG	2	6	\$ 130.00	\$ 1,560.00	TRASH ENCLOSURE/EQUIPMENT PADS
TECHNICIAN REG - (SP)	2	6	\$ 130.00	\$ 1,560.00	PUMP STATION BUILDING SOG/FOOTINGS
VEHICLE + EQUIPMENT	106		\$ 15.00	\$ 1,590.00	
CONCRETE CYLINDERS	20		\$ 225.00	\$ 4,500.00	SETS OF FIVE

**INCLUDES CYLINDER PICKUP FOLLOWING DAY

MASONRY					APPROX 13000 SF - PERIODIC IBC INSPECTION
INSPECTOR - (SP)	40	5	\$ 130.00	\$ 26,000.00	GROUT, MORTAR, AND BLOCK SAMPLING
VEHICLE + EQUIPMENT	200		\$ 15.00	\$ 3,000.00	
COMPRESSIVE STRENGTH OF 8" PRISM	2		\$ 540.00	\$ 1,080.00	SETS OF THREE
COMPRESSIVE STRENGTH OF 12" PRISM	2		\$ 675.00	\$ 1,350.00	SETS OF THREE
COMPRESSIVE STRENGTH OF BLOCK	2		\$ 300.00	\$ 600.00	SETS OF THREE
COMPRESSIVE STRENGTH OF MORTAR	2		\$ 135.00	\$ 270.00	SETS OF THREE
COMPRESSIVE STRENGTH OF GROUT	13		\$ 135.00	\$ 1,755.00	SETS OF THREE

ASPHALT CONCRETE					
INSPECTOR - REG	1	8	\$ 120.00	\$ 960.00	APPROX 850 TONS
INSPECTOR - O.T.			\$ 150.00	\$ -	
VEHICLE	8		\$ 15.00	\$ 120.00	
CORING TECHNICIAN - REG	1	4	\$ 115.00	\$ 460.00	
CORE RIG/VEHICLE	4		\$ 60.00	\$ 240.00	
ASPHALT FULL MARSHALL SERIES	2		\$ 725.00	\$ 1,450.00	1/500 TONS
CORE UNIT WEIGHTS	2		\$ 300.00	\$ 600.00	SETS OF THREE

STRUCTURAL STEEL, ANCHORAGE

INSPECTOR - (SP)	4	3	\$ 130.00	\$ 1,560.00	HS BOLTS
INSPECTOR - (SP)	10	3	\$ 130.00	\$ 3,900.00	FIELD/SHOP WELDING
INSPECTOR - (SP)	3	3	\$ 130.00	\$ 1,170.00	POST INSTALLED ANCHORS
VEHICLE + EQUIPMENT	51		\$ 15.00	\$ 765.00	

TOTAL ESTIMATED FEE: \$ 124,750.00

1. (SP) - SPECIAL INSPECTION REQUIRED
2. BASE ON CME PAYING NON-PREVALING WAGE RATES
3. INSPECTION AND TESTING WILL BE PROVIDED PER THE WASHOE COUNTY STANDARD SPECIFICATIONS AND THE 2012 SSPWV, REVISION 8
4. INCLUDES TRAVEL TIME TO/FROM SOUTH RENO OFFICE