

CAMINO REAL REGIONAL MOBILITY AUTHORITY BOARD RESOLUTION

WHEREAS, the Camino Real Regional Mobility Authority (CRRMA) and the Town of Horizon City (Horizon) have partnered to complete the design and construction of the Rodman Street Shared Use Path Project (Project); and

WHEREAS, the CRRMA engaged HNTB Corporation (HNTB) to provide design oversight and letting services for the Project through a work authorization, and the Project has advanced to the construction phase; and

WHEREAS, Horizon and the CRRMA now desire to engage HNTB to provide certain construction phase services through the completion of the Project, which requires an amendment to the referenced work authorization with HNTB.

NOW, THEREFORE, BE IT RESOLVED BY THE CAMINO REAL REGIONAL MOBILITY AUTHORITY:

THAT the Executive Director be authorized to execute **Amendment No. 1 to Work Authorization No. 2** with HNTB Corporation including any additional documents or materials as may be required, for the provision of certain construction phase services for the Rodman Street Shared Use Path Project.

PASSED AND APPROVED THIS 14TH DAY OF MAY 2025.

**CAMINO REAL REGIONAL
MOBILITY AUTHORITY**

ATTEST:

Monica L. Perez
Vice Chair

Lina Ortega
Board Secretary

APPROVED AS TO CONTENT:

Raymond L. Telles
Executive Director

WORK AUTHORIZATION NO. 2

AMENDMENT NO. 1

This **Amendment No. 1** to **Work Authorization No. 2** (the “Amendment”) is made as of the last date noted below, under the terms and conditions established in the AGREEMENT FOR GENERAL CONSULTING CIVIL ENGINEERING SERVICES, dated as of August 22, 2022, (the “Agreement”), between the Camino Real Regional Mobility Authority (“Authority”) and HNTB Corporation (“GEC”). This Amendment is made for the purposes identified below, consistent with the services defined in the Agreement.

The Authority and the GEC previously executed **Work Authorization No. 2** for the GEC to provide various design oversight and construction procurement services for the Rodman Street Shared Use Path Project (“Project”). This Amendment is intended to supplement **Work Authorization No. 2** to allow the GEC to provide construction phase services for the completion of the Project. The additional services, terms, and compensation contemplated by this Amendment are more fully enumerated herein.

Therefore, and in consideration of the mutual covenants and agreement between the parties, the Authority and GEC hereby agree to the following.

Section A. – Scope of Services

The GEC shall provide additional services to the Authority pursuant to and in accordance with **EXHIBIT A-1** of this Amendment, which is attached hereto and incorporated herein for all purposes. These additional services shall supplement those originally identified within **Work Authorization No. 2**.

Section B. – Schedule

The GEC shall commence the performance of the additional services contemplated herein, upon written notice to proceed and shall provide such services in accordance with the timelines identified within the schedule included in **EXHIBIT D**, which is attached hereto and incorporated herein for all purposes.

Section C. – Compensation

In return for the provision of the additional services requested herein, the Authority shall pay to the GEC an additional not to exceed amount of ONE HUNDRED FIFTY-FOUR THOUSAND FIVE HUNDRED FORTY-TWO AND 21/100 DOLLARS (\$154,542.21), based on the Fee Estimate Summary, which is attached hereto for all purposes as **EXHIBIT B-1**. Accordingly, the total not to exceed amount from **Work Authorization No. 2** and this **Amendment No. 1** shall be ONE HUNDRED EIGHTY-TWO THOUSAND SIX HUNDRED TWENTY-TWO AND 57/100 DOLLARS (\$182,622.57). Compensation shall be made in accordance with the Agreement. Invoices shall continue to be provided by the GEC in accordance with **EXHIBIT C** of **Work Authorization No. 2**.

Except to the extent expressly modified herein, all terms and conditions of the Agreement shall continue in full force and effect.

GEC:
HNTB Corporation

AUTHORITY:
Camino Real Regional Mobility Authority

Summer Lawton, PLA
Vice President
Date: _____

Raymond L. Telles
Executive Director
Date: _____

EXHIBIT A-1 SERVICES TO BE PROVIDED BY THE GEC SCOPE OF WORK

INTRODUCTION

The Authority has requested the addition of construction oversight, materials testing, and project administration services. At the completion of this scope of services, the GEC shall provide construction records documenting the adherence by the construction contractor to the required plans, and specifications of the construction contract.

TASK 1 – CONSTRUCTION OVERSIGHT

GEC shall provide professional services associated with construction oversight including the construction engineering and testing in accordance with the Interlocal Agreement among the Authority and Horizon City. The GEC shall provide qualified technical and professional personnel to perform these services. The GEC shall not interfere with the Contractor's work effort or productivity. Construction oversight by the GEC shall not relieve the Contractor of sole responsibility for the means and methods of the construction of the Project. In performing this task, the GEC shall not direct, manage, or control the Contractor's work activities. Construction oversight efforts shall focus on coordination with the Contractor's construction process to provide monitoring and oversight of reasonable compliance with contract obligations, sound engineering practices and regulatory requirements. The following tasks are included:

Task 1.1 - Construction Management

- a) Conduct preconstruction meeting with contractor, Authority and Horizon City
- b) Confer to resolve issues with work procedures, complaints or construction problems
- c) Plan and coordinate project activities to meet deadlines
- d) Full-time Site Representative(s) to serve as the point of contact during the on-site observation and inspection (Assume 40 hours per week)
- e) Provide administrative responsibility and oversight for the project including full-time inspection services and field observations
- f) Attend and participate in groundbreaking, professional and community meetings, and discussions regarding minor construction changes (up to 5 meetings assumed)
- g) Conduct and coordinate weekly construction / stakeholder coordination meetings. Generate and distribute meeting minutes
- h) Develop and review daily project status and quantity installed/placed reports (submitted monthly)
- i) Review and track all submittals by maintaining an up-to-date submittal log (assume up to 8)
- j) Review and track all RFI's by maintaining an up-to-date RFI log (assume up to 8)
- k) Generate an independent cost analysis for change order requests (assume up to 2)
- l) Review and approve all payment submittals for contractor's completed work and make payment recommendations based on quality and material used (assume 4)
- m) Review contractor's baseline schedule and make recommendation of accept or reject. Assist with schedule review of contractor's Monthly Schedule Update to identify problems (assume 3)
- n) Maintain a set of marked-up construction documents which show field changes

Task 1.1 Deliverables:

- 1. Construction and Stakeholder coordination summaries
- 2. Daily project progress reports (submitted monthly)
- 3. RFI and submittal log
- 4. Change order cost analysis

5. Marked Up Plans with field changes

Task 1.2 – Material Testing and Observation

The GEC shall perform sampling and testing of materials in accordance with the specifications and provisions, and shall provide written follow up communications on failing tests in accordance with the specifications. Testing shall be in accordance with ASTM and/or TxDOT procedures. The testing assumptions are listed below:

- a) Soil Testing and Observation (Assume up to 3 sets of density, Atterberg, and sieve analyses)
 - Site Preparation
- b) Concrete Testing and Observation (Assume up to 6 tests), with test cylinder sizes in accordance with ASTM C31 and ACI 318
 - Foundation
 - Paving
 - Curb
- c) Asphalt Testing and Observation (Assume up to 6 coring and up to 1 test)
 - Asphalt
- d) Structural, Engineering, and Technical Services (Assume up to 4 hours of inspection)
 - Structural Inspection

Task 1.2 Deliverables:

- 1. Material Testing Summary Reports (electronic distribution as tests occur)

Task 1.3 – Project Closeout

The GEC shall close out the project, which includes verifying that contractor's documentation and project related issues have been resolved in accordance with the contract requirements. Verify that manufacturer warranty documents are complete. Submit final documentation including:

- a) Schedule with Authority, Horizon City and contractor the punch list walkthrough. Provide written punch list with required repair items
- b) Verify contractor's documentation and project related issues have been resolved in accordance with the contract requirements
- c) Prepare As-Built drawings based on contractor's markups. Provide in PDF format with markup tools (assume one submittal)
- d) Construction records closeout shall be provided on OneDrive, Dropbox, or USB thumb drive with PDFs, MS Word, or MS Excel format documents
- e) Final quantity tabulation shall be provided in MS Excel format
- f) Schedule with Authority, Horizon City and contractor the warranty walkthrough to occur one year after acceptance. Provide written recommendation with required repair items

Task 1.3 Deliverables:

- 1. Walkthrough punch list
- 2. As-Built drawings
- 3. Construction records
- 4. Final estimate
- 5. Warranty walkthrough punch list

TASK 2 – COORDINATION AND PROJECT MANAGEMENT

The GEC shall administer, manage, review and coordinate the project, including:

- a) Project Management/Administration/Invoicing
 - GEC shall prepare and deliver monthly invoices and progress reports for this assignment. Prepare invoices utilizing standard payment submission forms with supporting documentation. Supporting documentation requirements are determined by the Authority
 - GEC shall attend status meetings (assume 4 meetings) with date, required attendees, time and location to be determined by the Authority
 - GEC shall establish and follow a Project Quality Plan (PQP)
- b) Document Controls
 - Develop and implement document control plan
 - Maintain project files for the duration of the project utilizing HNTB's SharePoint or similar system hosted by the Authority
 - Transfer program files to the Authority and/or the agency upon completion of the work or as directed by the Authority

Task 2 Deliverables:

1. 5 Monthly invoices (assume 4 months for Construction Oversight, 11 months dormant with no invoices, and 1 month for closeout)
2. Documentation files (Word, Excel and PDF) transferred electronically (OneDrive or similar) upon completion of the work

ASSUMPTIONS

a. Services Provided by Others

This work authorization assumes the following activities shall be provided by others or have already occurred:

- SWPPP documents by contractor
- All hazardous material mitigation
- Construction

Services beyond the assumptions defined in this scope will require a supplemental work authorization.

b. Schedule

The Amendment assumes a 4-month project schedule. If the Contractor's schedule is delayed beyond reasonable expectations, the budget provided in **EXHIBIT B-1** may not cover all GEC project expenses and a supplemental work authorization may be requested.

c. Funding Source

This work authorization assumes the Project is funded by federal and state funds.

d. Staff Labor and Overhead Rates

Hourly rates and overhead rates shown in **EXHIBIT B-1** are estimates or averages used for the purpose of establishing the not to exceed budget for this work authorization. The actual rates used will be in accordance with Section 4, Compensation in the Agreement.

e. Invoices

Invoices shall be provided by the GEC in accordance with Exhibit C.

f. Testing

Testing will be billed in minimum increment of full hour. A minimum charge of 3 hours applies to field testing and observation and sample pick up. Scheduling or cancelation of testing is required no less than the working day prior to the date or will be assessed a minimum 2-hour charge. Overtime rates will be applicable for services before 7 am and after 5 pm and for weekends.

[END OF EXHIBIT]

Fee Estimate Summary

Rodman Street Shared Use Path
Construction Services

Work Authorization 2 - Amendment 1

		<u>Firm</u>	<u>Total</u>
Labor	HNTB	\$	46,641.67
Direct Expenses	HNTB	\$	4,790.00
Labor	JMT	\$	63,553.65
Direct Expenses	JMT	\$	9,705.00
Labor	CQC	\$	11,805.63
Direct Expenses	CQC	\$	3,776.25
Unit Costs	CQC	\$	14,270.00
		Total Supplemental Fee	\$ 154,542.21
		Original WA2 Fee	\$ 28,080.36
		Total Fee	\$ 182,622.57

FAR Overhead 139.44%, Profit 12%, Multiplier 2.67										
HNTB Labor										
	Billing Classification	Senior Project Manager	Technical Advisor	Task Lead	Engineer in Training II	Administrative Assistant I	Scheduler / Quality Manager	Project Analyst	Subtotal	Subtotal
	Billing Rate	\$379.73	\$287.64	\$198.00	\$111.93	\$72.69	\$144.93	\$110.37		
Task 1	CONSTRUCTION OVERSIGHT SERVICES									
Task 1.1	Construction Management									
a	Conduct preconstruction meeting with contractor, Authority and Horizon City	1		4		1				
b	Confer to resolve issues with work procedures, complaints or construction problems	1		4	8				13	\$ 2,067.21
c	Plan and coordinate project activities to meet deadlines			4	4				8	\$ 1,239.75
d	Oversight of Full-time Project Representative(s) to serve as the point of contact during the on-site observation and inspection			8	8				16	\$ 2,479.49
e	Provide administrative responsibility and oversight for the project including full time inspection services and field observations			4	6	8			18	\$ 2,045.14
f	Attend and participate in groundbreaking, professional and community meetings, and all discussions regarding minor construction changes	2		4					6	\$ 1,551.47
g	Conduct and coordinate all required weekly construction meetings and stakeholder coordination meetings as well as generating and distributing meeting minutes	1		12					13	\$ 2,755.76
h	Review of daily project status and quantity installed/placed reports (submitted monthly)	1		4	6				11	\$ 1,843.34
i	Total Supplemental Fee			4	8				12	\$ 1,687.48
j	Review and track all RFI's by maintaining an up-to-date RFI log (assume up to 8)			4	8				12	\$ 1,687.48
k	Generate an independent cost analysis for change order requests (assume up to 2)			2	4				6	\$ 843.74
l	Review and approve all payment submittals for contractor's completed work and payment recommendations based on quality and material used			4	8				12	\$ 1,687.48
m	Review contractor's baseline schedule and make recommendation of accept or reject. Assist with schedule review of contractor's Monthly Schedule Update to identify problems (assume 3)			4	4				8	\$ 1,239.75
n	Maintain a set of marked-up construction documents which show field changes			2	4				6	\$ 843.74
Task 1.1	Deliverables									
1	Construction / stakeholder meeting summaries	1		2	2	1			6	\$ 1,072.29
2	Daily project progress reports			2	4	1	1		8	\$ 1,061.37
3	RFI and submittal logs			2	4		1		7	\$ 988.68
4	Change order cost analysis			2	4		1		7	\$ 988.68
5	Marked Up Plans with field changes			2	4				6	\$ 843.74
	Task 1.1 Hours	7	0	74	86	11	3	0		
	Task 1.1 Subtotal	\$ 2,658.10	\$ -	\$ 14,652.20	\$ 9,626.32	\$ 799.59	\$ 434.80	\$ -	181	\$ 28,171.01
Task 1.2	Material Testing and Observation									
a	Soil Testing and Observation			1	2				3	\$ 421.87
b	Concrete Testing and Observation			1	2				3	\$ 421.87
c	Asphalt Testing and Observation			1	2				3	\$ 421.87
d	Structural, Engineering, and Technical Services			1	2				3	\$ 421.87
Task 1.2	Deliverables									
1	Material Testing Summary Reports					2			2	\$ 145.38
	Task 1.2 Hours	0	0	4	8	2	0	0		
	Task 1.2 Subtotal	\$ -	\$ -	\$ 792.01	\$ 895.47	\$ 145.38	\$ -	\$ -	14	\$ 1,832.86
Task 1.3	Project Closeout									
a	Punch list walkthrough			1	1				2	\$ 309.94
b	Verify contractor's documentation and project related issues have been resolved in accordance with the contact requirements	1		2	4				7	\$ 1,223.47
c	Prepare as-built drawings			2	6				8	\$ 1,067.61
d	Construction records closeout			1	4	4			9	\$ 936.50
e	Final quantity takeoff			1	6				7	\$ 869.61
f	Warranty walkthrough			1	1				2	\$ 309.94
Task 1.3	Deliverables									
1	Walkthrough punch list			1	1				2	\$ 309.94
2	As-built drawings			2	6		1		9	\$ 1,212.54
3	Construction records			1	2	4	1		8	\$ 857.57
4	Final estimate			2	4		1		7	\$ 988.68
5	Warranty walkthrough punch list			1	1	1			3	\$ 382.63
	Task 1.3 Hours	1	0	15	36	9	3	0		
	Task 1.3 Subtotal	\$ 379.73	\$ -	\$ 2,970.04	\$ 4,029.62	\$ 654.21	\$ 434.80	\$ -	64	\$ 8,468.41
Task 2	COORDINATION AND PROJECT MANAGEMENT									
a	Project Management/Administration/Invoicing	2	4	4		4		10	24	\$ 4,096.52
b	Document Controls					6	4		10	\$ 1,015.88
Task 2	Deliverables									
1	Monthly invoices			4		4		10	18	\$ 2,186.50
2	Documentation files					4	4		8	\$ 870.50
	Task 2 Hours	2	4	8	0	18	8	20		
	Task 2 Subtotal	\$ 759.46	\$ 1,150.56	\$ 1,584.02	\$ -	\$ 1,308.42	\$ 1,159.48	\$ 2,207.46	60	\$ 8,169.39
	Total Hours	10	4	101	130	40	14	20		
	Total Labor Cost	\$ 3,797.28	\$ 1,150.56	\$ 19,998.27	\$ 14,551.41	\$ 2,907.61	\$ 2,029.08	\$ 2,207.46	319	\$ 46,641.67
										HNTB EXPENSES \$ 4,790.00
										HNTB SUPPLEMENTAL FEE \$ 51,431.67

HNTB Other Direct Expenses					
Description	Unit cost		Quantity		Subtotals
Mileage @ (1/1/25 IRS rate)	\$0.700	per mile	2,000	miles	1,400.00
Subtotal Travel					1,400.00
Federal Express/UPS	\$150.00	Per Month		Each	0.00
Postage/Freight	\$100.00	Per Month		Each	0.00
Subtotal Communications/Shipping					0.00
Newspaper Advertisement	\$1,500.00	each	2	each	3,000.00
8½"X11" B/W Paper Copies	\$0.25	per copy	300	copies	75.00
8½"X11" Color Paper Copies	\$1.00	per copy	100	copies	100.00
11"X17" B/W Paper Copies	\$0.30	per copy	300	copies	90.00
11"X17" Color Paper Copies	\$1.25	per copy	100	copies	125.00
Subtotal Reproduction					3,390.00
Total					\$4,790.00

FAR Overhead 158.14%, Profit 12%, Multiplier 2.89							
JMT Labor							
	Billing Classification	Project Manager II	Project Manager I	Field Representative I	Administrative Assistant I	Subtotal	Subtotal
	Billing Rate	\$265.99	\$239.97	\$130.10	\$106.97		
Task 1	CONSTRUCTION OVERSIGHT SERVICES						
Task 1.1	Construction Management						
a	Assist in conducting the preconstruction meeting with the contractor, Authority, and Horizon	1		4			
b	Confer to resolve issues with work procedures, complaints or construction problems		1	40		41	\$ 5,444.07
c	Plan and coordinate project activities to meet deadlines		1			1	\$ 239.97
d	Full-time Project Representative(s) to serve as the point of contact during the on-site observation and inspection			147		147	\$ 19,125.08
e	Assistance in providing administrative responsibility and oversight for the project including full time inspection services and field observations	2	1		8	11	\$ 1,627.73
f	Attend and participate in groundbreaking, professional and community meetings, and all discussions regarding minor construction changes			16		16	\$ 2,081.64
g	Assistance in conducting and coordinating all required weekly construction meetings and stakeholder coordination meetings as well as generating and distributing meeting minutes		5	10		15	\$ 2,500.86
h	Review of daily project status and quantity installed/placed reports (submitted monthly)		1	44		45	\$ 5,964.48
i	Total Supplemental Fee					0	\$ -
j	Assist HNTB in the review and tracking of all RFIs by maintaining an up-to-date RFI log (assume up to 8)					0	\$ -
k	Assist HNTB in generating an independent cost analysis for change order requests (assume up to 2)			2		2	\$ 260.21
l	Assist HNTB in the review and approval of all payment submittals for contractor's completed work and payment recommendations based on quality and material used (assume up to 4)			14		14	\$ 1,821.44
m	Assist HNTB in the review of the contractor's baseline schedule and make recommendation of accept or reject. Assist with schedule review of contractor's Monthly Schedule Update to identify problems (assume 3)			11		11	\$ 1,431.13
n	Assist HNTB in maintaining a set of marked up construction documents which show field changes			8		8	\$ 1,040.82
Task 1.1	Deliverables						
1	Construction and Stakeholder coordination summaries		1			1	\$ 239.97
2	Daily project progress reports (submitted monthly)		1	60		61	\$ 8,046.12
3	RFI and submittal log		1			1	\$ 239.97
4	Change order cost analysis		1	10		11	\$ 1,540.99
5	Marked-up drawings with field changes		1	15		16	\$ 2,191.51
	Task 1.1 Hours	3	14	381	8		
	Task 1.1 Subtotal	\$ 797.96	\$ 3,359.54	\$ 49,569.08	\$ 855.79	406	\$ 54,582.36
Task 1.3	Project Closeout						
a	Assist HNTB in scheduling with Authority, Horizon City and contractor the punch list walkthrough. Assist in development of written punch list with required repair items		1	6		7	\$ 1,020.58
b	Assist HNTB in verifying the contractor's documentation and project related issues have been resolved in accordance with the contact requirements					0	\$ -
c	Assist HNTB in preparing as-built drawings			5		5	\$ 650.51
d	Construction records closeout	1	1	5		7	\$ 1,156.47
e	Final quantity takeoff		1	5		6	\$ 890.48
f	Warranty walkthrough			6		6	\$ 780.62
Task 1.3	Deliverables						
1	Walkthrough punchlist		1	6		7	\$ 1,020.58
2	As-built drawings		1	5		6	\$ 890.48
3	Final estimate		1	10		11	\$ 1,540.99
4	Warranty walkthrough punchlist		1	6		7	\$ 1,020.58
	Task 1.3 Hours	1	7	54	0		
	Task 1.3 Subtotal	\$ 265.99	\$ 1,679.77	\$ 7,025.54	\$ -	62	\$ 8,971.29
	Total Hours	4	21	435	8		
	Total Labor Cost	\$ 1,063.95	\$ 5,039.31	\$ 56,594.61	\$ 855.79	468	\$ 63,553.65
JMT EXPENSES							\$ 9,705.00
TOTAL FEE							\$ 73,258.65

JMT OTHER DIRECT EXPENSES				
Other Direct Expenses	UNITS	RATE	Qty	Ext. Cost
Mileage (Current state rate)	mile	0.700	500.00	\$350.00
8½"X11" B/W Paper Copies	each	0.25	250.00	\$62.50
11"X17" B/W Paper Copies	each	0.30	250.00	\$75.00
8½"X11" Color Paper Copies	each	1.00	250.00	\$250.00
11"X17" Color Paper Copies	each	1.25	250.00	\$312.50
Env. Field Supplies (lathes, stakes, flagging, spray paint, etc.)	day	60.00	15.00	\$900.00
Cellular Phone/Data Plan	month	100.00	3.00	\$300.00
Laptop Computer/ Tablet and Data Plan	month	85.00	3.00	\$255.00
Construction Truck 4x4 (includes operation and maintenance costs, insurance costs will not be reimbursed)	month	1,900.00	3.00	\$5,700.00
Construction Truck 4x4 (includes operation and maintenance costs, insurance costs will not be reimbursed)	day	125.00	8.00	\$1,000.00
PPE (Protective Equipment)	each	250.00	2.00	\$500.00
			Total	\$9,705.00

FAR Overhead 97.06%, Profit 12%, Multiplier 2.21

CQC Labor										
Hide Rows	Current Base Rate (2024 Rates)		\$ 31.00	\$ 69.00	\$ 48.00	\$ 43.00	\$ 31.00	\$ 35.00	\$ 38.00	
	Billing Classification	Administrative /Clerical 2	Lead Project Manager	Project Engineer	Laboratory Manager	Certified Field Tech - Level 3, ACI Field Grade 1	Certified Field Tech - Level 4 TXAPA SB 102 Cert	Certified Field Tech - Level 6 HMA TXAPA Level 1-B Cert		
	Billing Rate	\$68.42	\$152.29	\$105.94	\$94.90	\$68.42	\$77.25	\$83.87	Subtotal	Subtotal
Task 1 CONSTRUCTION OVERSIGHT SERVICES										
Task 1.2 Material Testing and Observation										
a	Soil Testing and Observation						20		20	\$ 1,544.95
b	Concrete Testing and Observation					25			25	\$ 1,710.48
c	Asphalt Testing and Observation						12	10	22	\$ 1,765.66
d	Professional Technical Support Services		2	10	2				14	\$ 1,553.78
Task 1.2 Deliverables										
1	Material Testing Summary Reports	10	5						15	\$ 1,445.63
	Task 2.2 Hours	10	7	10	2	25	32	10		
	Task 2.2 Subtotal	\$ 684.19	\$ 1,066.02	\$ 1,059.39	\$ 189.81	\$ 1,710.48	\$ 2,471.92	\$ 838.69	96	\$ 8,020.50
Task 2 Total Supplemental Fee										
a	Project Management/Administration/Invoicing		2	15					17	\$ 1,893.67
b	Document Controls	5	2	5					12	\$ 1,176.37
Task 2 Deliverables										
1	Monthly invoices	6	2						8	\$ 715.09
2	Documentation files								0	\$ -
	Task 3 Hours	11	6	20	0	0	0	0		
	Task 3 Subtotal	\$ 752.61	\$ 913.73	\$ 2,118.79	\$ -	\$ -	\$ -	\$ -	37	\$ 3,785.13
	Total Hours	21	13	30	2	25	32	10		
	Total Labor Cost	\$ 1,436.80	\$ 1,979.74	\$ 3,178.18	\$ 189.81	\$ 1,710.48	\$ 2,471.92	\$ 838.69	133	\$ 11,805.63

CQC MATERIALS TESTING EXPENSES \$ 14,270.00

CQC ODE EXPENSES \$ 3,776.25

TOTAL ESTIMATED FEE \$ 29,851.88

CQC Construction Materials Testing Services					
Services To Be Provided	Test Code	Unit	Rate	Quantity	Cost
Soils Tests					
Atterberg Limits (Determining Liquid Limit, Plastic Limit, and Calculating Plasticity index of soils)	Tex-103-E, Tex-104-E, Tex-105-E	each	\$ 75.00	3	\$ 225.00
Calculating the Plasticity Index of Soils	Tex-106-E	each	\$ 55.00	3	\$ 165.00
Determining the Bar Linear Shrinkage of Soils	Tex-107-E	each	\$ 85.00	3	\$ 255.00
Determining the Specific Gravity of Soils	Tex-108-E	each	\$ 85.00		\$ -
Particle Size Analysis of Soils	Tex-110-E	each	\$ 85.00	3	\$ 255.00
Laboratory Compaction Characteristics and Moisture-Density Relationship of Base Materials	Tex-113-E	each	\$ 325.00	1	\$ 325.00
Laboratory Compaction Characteristics and Moisture-Density Relationship of Subgrade, Embankment Soils, and Backfill Material	Tex-114-E	each	\$ 300.00	2	\$ 600.00
Field Method for Determining In-Place Density of Soils and Base Materials, 3 tests min. per call out.	ASTM D 6938/ Tex-115-E	each	\$ 34.00	40	\$ 1,360.00
Ball Mill Method for Determining the Disintegration of Flexible Base Material	Tex-116-E	each	\$ 225.00	1	\$ 225.00
Triaxial Compression Test for Disturbed Soils and Base Materials	Tex-117-E	each	\$ 1,850.00	1	\$ 1,850.00
Determining Sulfate Content in Soils - Colorimetric Method	Tex-145-E	each	\$ 110.00	1	\$ 110.00
Determining Density of Compacted Bituminous Mixtures	Tex-207-F (Part I)	each	\$ 55.00	2	\$ 110.00
Determining In-Place Density of Compacted Bituminous Mixtures (Nuclear Method)	Tex-207-F (Part III)	each	\$ 45.00	12	\$ 540.00
Theoretical Maximum Specific Gravity of Bituminous Mixtures	Tex-227-F	each	\$ 95.00	4	\$ 380.00
Determining Asphalt Content from Asphalt Paving Mixtures by the Ignition Method	Tex-236-F	each	\$ 175.00	3	\$ 525.00
Superpave Gyratory Compacting of Test Specimens of Bituminous Mixtures	Tex-241-F	set of 2	\$ 150.00	2	\$ 300.00
Air Content of Freshly Mixed Concrete by the Pressure Method	Tex-416-A	each	\$ 85.00	17	\$ 1,445.00
Unit Weight, Yield, and Air Content (Gravimetric) of Concrete	Tex-417-A	each	\$ 75.00	1	\$ 75.00
Sampling and Compressive Strength of Cylindrical Concrete Specimens, 4 cylinders per set	Tex-418-A	set	\$ 325.00	17	\$ 5,525.00
				Total	\$ 14,270.00

Fee Schedule Conditions and Terms

- 1.) Proposed rates include labor, overhead, and profit. For applicable test rates do not include over time charges beyond normal working hours as defined under Item 3 below, if expedited completion is requested.
- 2.) For applicable tests, rate escalation of 4% shall be per approved prime contract.
- 3.) Normal working hours shall be from Monday through Friday from 8:00 am to 5:00 pm. Requested Services on Saturdays, Sundays, Holidays, Night time work and Outside of Normal Working Hours shall be billed at an overtime rate of 1.25%.
- 4.) Applicable technician time and vehicle charges shall be applied for each testing call out for observation and testing services. Technician stand by time shall be applied after one hour if testing is delayed.
- 5. When soil compaction density tests are scheduled a minimum of three (3) soil compaction tests shall be applied to each test event.
- 6.) A minimum of 3 hours shall of applicable professional time shall be billed for requested testing cancellations plus applicable vehicle charge and over time charges.
- 7.) For work orders or task orders where administrative and professional time is not allowed, a minimum 8% percent administrative fee shall be applied to each issued invoice.

CQC Other Direct Expenses				
Description	UNITS	RATE	QUANTITY	COST
Standard Postage (Current state rate)	letter	0.58		0
Certified Letter Return Receipt	each	7.37		0
Overnight express-letter size	each	23.00		0
Overnight express-oversized box	each	100.00		0
8½"X11" B/W Paper Copies	each	0.25		0
11"X17" B/W Paper Copies	each	0.30		0
8½"X11" Color Paper Copies	each	1.00		0
11"X17" Color Paper Copies	each	1.25		0
Backhoe Rental	day	1,200.00		0
Loader Rental	day	1,500.00		0
Report Binding and tabbing	each	80.00		0
Report Printing	each	150.00		0
Plots (B/W on 20# Bond)	linear foot	3.00		0
Total Supplemental Fee	linear foot	9.00		0
USB Flash Drive - 128 GB	each	85.00		0
Concrete Cylinder Molds	each	3.25	85	276.25
Nuclear Density Gauge Equipment Charge	day	45.00		0
PPE (Protective Equipment)	Project	500.00		0
Soil Disposal Fee	each	250.00		0
Soil Sample Shelby Tubes	each	38.00		0
Ground Penetrating Radar, Equipment Use Only - Company Owned	day	550.00		0
Hot Mix Asphalt Testing Equipment Monthly Rental - Required equipment must meet or exceed applicable TxDOT specifications and includes (1 ea) ignition oven, (1 ea) scales, (1 ea) 8" shaker, (1 set) 8" sieves, (1 ea) splitter, (1 ea) hot ovens, (1 ea) vibrating table and bucket, (1 ea) vacuum pump, and (1 ea) Texas Gyratory Press. All component parts, consumables, and required maintenance are considered subsidiary to this item. Does not include Power, Trailer Penetrations and Water Connections, if required.	month	950.00		0
HMAC Testing Equipment Mobilizations > 150 Miles	Mile	7.00		0
HMAC Testing Equipment Mobilizations > 150 Miles	Project	2,500.00		0
Monthly housing and food allowance - This rate shall be used when an Apartment, House, or RV Lot is rented. (Includes Apartment/House Rental or Rental of Lot at RV Park, Travel Trailer Expense, and Utilities, Taxes, & Meals). The only receipt necessary for the reimbursement of this rate is for the Apartment, House, or RV Lot Rental. ONLY full-time inspectors who are in the field inspecting the designated construction projects may use this rate. The inspector must be in the field a minimum of 3 weeks per calendar month to use this monthly per diem rate. Daily per diem rates cannot be used by the same inspector that uses the monthly per diem rate in the same calendar month. Use of this rate shall be substantiated by timesheets submitted for the full time field personnel inspecting the construction projects.	Month	3,500.00		0
Construction Truck (Includes operation, and maintenance costs; Insurance costs will not be reimbursed)	month	1,700.00		0
Construction Truck (Includes operation, and maintenance costs; Insurance costs will not be reimbursed)	day	125.00		0
Construction Truck (Includes operation, and maintenance costs; Insurance costs will not be reimbursed) 4 hours or less per trip or testing call-out	each	70.00	50	3500
Construction Truck 4X4 (Includes operation and maintenance costs; Insurance costs will not be reimbursed)	month	1,900.00		0
Construction Truck 4x4 (Includes operation and maintenance costs; Insurance costs will not be reimbursed)	day	125.00		0
PPE (Protective Equipment)	each	250.00		0
			Total	\$ 3,776.25

