

SE-955 INSPECTION / MATERIAL TESTING ORDER

AGENCY: S. C. Office of Resilience

PROJECT NAME: Town of Cheraw Buyout Demolition

PROJECT NUMBER: D30-N004-MJ

MASTER AGREEMENT CONTRACT NUMBER: 4400023202

AGENCY INSPECTION ORDER NUMBER: _____

INSPECTION FIRM: Terracon Consultants, INC

ADDRESS: 1246 Howard Avenue, Myrtle Beach SC 29577

FEE INFORMATION

Inspection Firm's services and associated fees are set forth in the attached SE-955A, Inspection / Material Testing Order Negotiation Worksheet, dated 3/15/2024, and the attachments to the Worksheet, all of which are incorporated herein by reference.

INSPECTION/TESTING FEE TOTAL: \$ 24,130.00

REIMBURSABLES: \$ 6,109.00

CONTRACT TOTAL: \$ 30,239.00

SCHEDULE

SCHEDULED START DATE: To be determined

SCHEDULED COMPLETION DATE: To be determined

In response to the Request for Inspection Services from the Agency, dated the ____ day of ____, 20 ____, the Agency and Inspection Firm agree, as indicated by the signatures below, to the scope of services as described in this Inspection / Material Testing Order and the attached SE-955A shall be assigned to the Master Agreement for Inspection Services identified above.

AGENCY:

BY: 
(Signature of Representative)

PRINT NAME: Eric G. Fosmire

PRINT TITLE: Chief of Staff/General Counsel

DATE: 27 June 2024

INSPECTION FIRM:

BY: 
(Signature of Representative)

PRINT NAME: Nathaniel Tracy

PRINT TITLE: Office Manager

DATE: 7/11/2024

INSPECTION ORDER CONSISTS OF:

1. This Order, SE-955
2. SE-955A, Inspection / Material Testing Order Negotiation Worksheet
3. SE-962, Statement of Special Inspections Responsibilities (for Chapter 17 inspections only).

SE-955A

INSPECTION/MATERIAL TESTING ORDER NEGOTIATION WORKSHEET

AGENCY:	South Carolina Office of Resilience	
PROJECT NAME:	Cheraw Buyout Project	
PROJECT NUMBER:	State Project # / Terracon Project # ER241069	
INSPECTION FIRM:	Terracon Consultants	
PROJECT MANAGER FOR INSPECTION FIRM: Nathan Tracy		
ICC CHAPTER 1 INSPECTORS	NAME	CREDENTIALS (Insert or Attach)
Building		
Electrical		
Mechanical		
Plumbing		
Fire Protection Systems		
ICC CHAPTER 17 INSPECTORS	NAME	CREDENTIALS (Insert or Attach)
Prestressed Concrete		
Reinforced Concrete		
Structural Masonry		
Spray-applied Fireproofing		
Structural Steel & Bolting		
Structural Steel Welding		
Soils		
Smoke Control		
Cold Formed Steel Framing		
Wood Construction		
Architectural Components		
Fire Protection Systems		
Mechanical & Electrical Components		
FIELD TESTING TECHNICIANS	NAME	CREDENTIALS (Insert or Attach)
Soil	Madalyn Trask	SDOT Earthworks / LLR Soils
Masonry Grout		
Concrete		
Footings		
Pile		
Deep Foundations		

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INSPECTION/MATERIAL TESTING ORDER NEGOTIATION WORKSHEET

IBC CHAPTER 1	INSPECTION TYPE	NO. OF INSPECTIONS	HOURS	HOURLY RATE	TOTAL
110.2	Site				\$ -
110.3.1	Footing and Foundation				\$ -
110.3.2	Concrete Slab and Under-Floor				\$ -
110.3.3	Lowest Floor Elevation				\$ -
110.3.4	Frame				\$ -
110.3.5	Lath and Gypsum Board				\$ -
110.3.6	Exposed Balcony & Walking Surface Waterproofing				\$ -
110.3.7	Fire- and Smoke-Resistant Penetrations				\$ -
110.3.8	Energy Efficiency				\$ -
110.3.9	Other (<i>specify</i>)				\$ -
	Other (<i>specify</i>)				\$ -
	Other (<i>specify</i>)				\$ -
	Plan Review & Major Task Pre-Planning Mtgs.				\$ -
SECTION TOTAL					\$ -
NEC CHAPTER 1	INSPECTION TYPE	NO. OF INSPECTIONS	HOURS	HOURLY RATE	TOTAL
107.2(1)	Underground				\$ -
107.2(2)	Rough-In				\$ -
107.2(3)	Final				\$ -
107.2.1	Other (<i>seismic</i>)				\$ -
	Other (<i>specify</i>)				\$ -
	Other (<i>specify</i>)				\$ -
	Plan Review & Major Task Pre-Planning Mtgs.				\$ -
SECTION TOTAL					\$ -
IFGC CHAPTER 1	INSPECTION TYPE	NO. OF INSPECTIONS	HOURS	HOURLY RATE	TOTAL
107.2(1)	Underground				\$ -
107.2(2)	Rough-In				\$ -
107.2(3)	Final				\$ -
107.2.1	Other (<i>specify</i>)				\$ -
	Other (<i>specify</i>)				\$ -
	Other (<i>specify</i>)				\$ -
	Plan Review & Major Task Pre-Planning Mtgs.				\$ -
SECTION TOTAL					\$ -

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IMC CHAPTER 1	INSPECTION TYPE	NO. OF INSPECTIONS	HOURS	HOURLY RATE	TOTAL
107.2(1)	Underground				\$ -
107.2(2)	Rough-In				\$ -
107.2(3)	Final				\$ -
107.3	Observation of Tests				\$ -
107.2.1	Other (<i>seismic</i>)				\$ -
	Other (<i>specify</i>)				\$ -
	Other (<i>specify</i>)				\$ -
	Plan Review & Major Task Pre-Planning Mtgs.				\$ -
SECTION TOTAL					\$ -
IPC CHAPTER 1	INSPECTION TYPE	NO. OF INSPECTIONS	HOURS	HOURLY RATE	TOTAL
107.2(1)	Underground				\$ -
107.2(2)	Rough-In				\$ -
107.2(3)	Final				\$ -
107.3	Observation of Tests				\$ -
107.4	Testing of plumbing work & systems				\$ -
107.2.1	Other (<i>seismic</i>)				\$ -
	Other (<i>specify</i>)				\$ -
	Other (<i>specify</i>)				\$ -
	Plan Review & Major Task Pre-Planning Mtgs.				\$ -
SECTION TOTAL					\$ -
IFC CHAPTER 9	INSPECTION/TESTING TYPE	NO. OF INSPECTIONS	HOURS	HOURLY RATE	TOTAL
901.5	Fire Detection & alarm systems				\$ -
901.5	Gas Detection systems				\$ -
901.5	Fire-extinguishing Systems				\$ -
901.5	Fire Hydrant Systems				\$ -
901.5	Fire Standpipe Systems				\$ -
901.5	Other (<i>specify</i>)				\$ -
	Other (<i>specify</i>)				\$ -
	Plan Review & Major Task Pre-Planning Mtgs.				\$ -
SECTION TOTAL					\$ -

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IBC CHAPTER 17	INSPECTION TYPE	NO. OF INSPECTIONS	HOURS	HOURLY RATE	TOTAL
1704.2.5	Fabricators				\$ -
1705.2	Steel Construction				\$ -
1705.3	Concrete Construction				
1705.4	Masonry Construction				\$ -
1705.5	Wood Construction				\$ -
1705.6	Soils				
1705.7	Driven Deep Foundations				\$ -
1705.8	Cast-in-place Deep Foundations				\$ -
1705.9	Helical Pile Foundations				\$ -
1705.11	Wind Resistance				\$ -
1705.12 & 13	Seismic Resistance				\$ -
1705.14	Spray Fire-resistant Materials				\$ -
1705.15	Mastic & Intumescent fire-resistant coatings				\$ -
1705.16	Exterior Insulation and Finish Systems (EIFS)				\$ -
1705.17	Fire-resistant penetrations and joints				\$ -
1705.18	Special Inspection for Smoke Control				\$ -
Other	<i>(specify)</i>				\$ -
Other	<i>(specify)</i>				\$ -
	Plan Review & Major Task Pre-Planning Mtgs.				\$ -
SECTION TOTAL					\$ -
MISC.	INSPECTION TYPE	NO. OF INSPECTIONS	HOURS	HOURLY RATE	TOTAL
CWA § 402	NPDES Erosion Control	21	126	\$ 75	\$ 9,450
Other	<i>Specify</i>				
Other	<i>Specify</i>				
	Plan Review & Major Task Pre-Planning Mtgs.				
SECTION TOTAL					\$ 9,450
TESTING TECHINCIAN FIELD TESTS	NUMBER OF TESTS	HOURS /TESTS	TECH. HOURLY RATE	TOTAL	
Soil	20	160	\$ 70	\$ 11,200	
Masonry Grout					
Concrete				\$ -	
Footings					
Pile					
<i>Proofrolls by Project Manager</i>				\$ -	
Other <i>(specify)</i>					
	Plan Review & Major Task Pre-Planning Mtgs.				
SECTION TOTAL				\$ 11,200	

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INSPECTION/MATERIAL TESTING ORDER NEGOTIATION WORKSHEET

INSPECTION AND TESTING EQUIPMENT	UNIT OF MEASURE	NO. OF UNITS	COST /UNIT	TOTAL
Concrete Coring Equipment	Days			
PDA Pile Test Equipment	Days			
Bolt Torque Wrench	Hours			
Ultrasonic Testing Equipment	Hours			
Nuclear Density Test Equipment (Soil)	Days	20	\$ 35	\$ 700
Other (<i>specify</i>)				
Other (<i>specify</i>)				
Other (<i>specify</i>)				
SECTION TOTAL				\$ 700

LAB TESTS	NO. OF TESTS	PRICE / TEST	TOTAL
Standard Proctor - ASTM D698	2	\$ 140	\$ 280
Modified Proctor - ASTM D1557			\$ -
Stone-Aggregate Density - ASTM D698/1557			\$ -
VOC			\$ -
Soil Moisture Content - ASTM D2216			\$ -
Atterberg Limits - ASTM D4318			\$ -
Wash 200 Fines - ASTM D1140/C117			\$ -
Grain Sieve Analysis w/o hydro. - ASTM C136			\$ -
Grain Sieve Analysis w/hydro. - ASTM D422			\$ -
Soil Specific Gravity - ASTM D854/D550			\$ -
Concrete Beam Strength - ASTM C78			\$ -
Concrete Cores Strength - ASTM C42			\$ -
Concrete Cylinders, Cure & Test - ASTM C31/39			\$ -
Grout Prism Strength - ASTM C 1019			\$ -
Mortar Cub Strength - ASTM C 109			\$ -
CMU Compressive Strength - ASTM C140			\$ -
Masonry Compressive Strength - ASTM C1314			\$ -
			\$ -
SVOC			\$ -
RCRA Metals			\$ -
SECTION TOTAL			\$ 280

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PROJECT SUPPORT				
SUPPORT TYPE	TASKS	HOURS	HOURLY RATE	TOTAL
Project Manager	Plan Review			\$ -
	Pre-Con. Meeting			\$ -
	Milestone Meetings			\$ -
	Inspector Management	25	\$ 100	\$ 2,500
Clerical	Reports			\$ -
	General			\$ -
SECTION TOTAL				\$ 2,500
TOTAL OF ALL SECTIONS			\$	24,130
REIMBURSABLES		TOTAL UNITS	UNIT RATE	TOTAL
Trip Charge / Mileage (circle one)		41	\$ 149	\$ 6,109
Lodging Fees				\$ -
Per Diem Fees				\$ -
Other				\$ -
Other (specify)				\$ -
SECTION TOTAL				\$ 6,109
GRAND TOTAL (Section Totals + Reimbursables)			\$	30,239

The Forgoing is Based on the Following Assumptions & Attachments

NOTE: Required tests and frequency shall be determined by the Design Professional.


APPROVAL	
Agency Representative: <u></u>	Date: <u>29 June 2024</u>
Inspection Agency: <u></u>	Date: <u>6/27/2024</u>



EXHIBIT C - FEE ESTIMATE
Materials Testing and Special Inspection Services
 Cheraw Buyout Project ■ Cheraw, SC
 Terracon Proposal No. PER231069

SERVICES	UNIT QUANTITY	QUANTITY	UNIT PRICE	AMOUNT	TOTAL
Soils and Construction					
Soils Inspection					
Observe, Field Density Testing and Sampling	\$70.00 per hour	20 visits	8 hours visit	160	\$11,200.00
Laboratory Testing and Equipment	\$75.00 per day	20 samples		20	\$1,500.00
Nuclear Gauge Rental	\$140.00 each	2 proctor		2	\$280.00
Soils Standard Proctor Laboratory Testing (ASTM D698)					Subtotal
					\$12,980.00
SHRP / RCP Inspection					
EPSC1 Emission Control Inspector	\$75.00 per hour	21 visits	6 hours visit	126	\$9,450.00
Field Observations and Inspections					Subtotal
* Construction Schedule of 150 Days					\$9,450.00
Site Visit					
Vehicle Charge (company vehicle & mileage)	\$1.25 per mile	41 visits	1 roundtrip	41	\$51.25
					Subtotal
					\$51.25
Project Administration and Reporting					
Project Manager	\$100.00 per hour		25 hours	25	\$2,500.00
					Subtotal
					\$2,500.00
				TOTAL ESTIMATED FEE	\$25,561.25

Note: This worksheet is a cost estimate based upon the above-listed hours, trips, and quantities and is not a guaranteed maximum price. Cost estimates for above mentioned testing were based on project documents, no work schedule was provided.

