

SE-955

INSPECTION / MATERIAL TESTING ORDER

AGENCY: South Carolina Office of Resilience
 PROJECT NAME: Horry County Buyout Demolition
 PROJECT NUMBER: State Project # D30-N027-MJ / Terracon Project # PER241061
 MASTER AGREEMENT CONTRACT NUMBER: 4400023202
 AGENCY INSPECTION ORDER NUMBER: _____

INSPECTION FIRM: Terracon Consultants Inc
 ADDRESS: 1246 Howard Ave, 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: \$ 3,825.00
 REIMBURSABLES: \$ 645.00
 CONTRACT TOTAL: \$ 5,370.00

SCHEDULE

SCHEDULED START DATE: Unknown
 SCHEDULED COMPLETION DATE: Unknown

In response to the Request for Inspection Services from the Agency, dated the 20 day of May, 2024, 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:	INSPECTION FIRM:
BY: <u></u> <i>(Signature of Representative)</i>	BY: _____ <i>(Signature of Representative)</i>
PRINT NAME: <u>Ben Duncan</u>	PRINT NAME: <u>Nathaniel Tracy</u>
PRINT TITLE: <u>Chief Resilience Officer</u>	PRINT TITLE: <u>Project Manager</u>
DATE: <u>5/22/24</u>	DATE: <u>5/21/2024</u>

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).

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INSPECTION/MATERIAL TESTING ORDER NEGOTIATION WORKSHEET

AGENCY:	South Carolina Office of Resilience		
PROJECT NAME:	Horry County Buyout Demolition		
PROJECT NUMBER:	State Project # D30-N027-MJ / Terracon Project # ER241061		
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			
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	17	51	\$ 75	\$ 3,825
Other	<i>Specify</i>				
Other	<i>Specify</i>				
	Plan Review & Major Task Pre-Planning Mtgs.				
SECTION TOTAL					\$ 3,825
TESTING TECHNICIAN FIELD TESTS		NUMBER OF TESTS	HOURS /TESTS	TECH. HOURLY RATE	TOTAL
Soil					\$ -
Masonry Grout					
Concrete					\$ -
Footings					
Pile					
<i>Proofrolls by Project Manager</i>					\$ -
Other <i>(specify)</i>					
Plan Review & Major Task Pre-Planning Mtgs.					
SECTION TOTAL					\$ -

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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			\$ -
Other (<i>specify</i>)				
Other (<i>specify</i>)				
Other (<i>specify</i>)				
SECTION TOTAL				\$ -

LAB TESTS	NO. OF TESTS	PRICE / TEST	TOTAL
Standard Proctor - ASTM D698			\$ -
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			\$ -

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PROJECT SUPPORT				
SUPPORT TYPE	TASKS	HOURS	HOURLY RATE	TOTAL
Project Manager	Plan Review			\$ -
	Pre-Con. Meeting			\$ -
	Milestone Meetings			\$ -
	Inspector Management	9	\$ 100	\$ 900
Clerical	Reports			\$ -
	General			\$ -
SECTION TOTAL				\$ 900
TOTAL OF ALL SECTIONS		\$ 4,725		
REIMBURSABLES		TOTAL UNITS	UNIT RATE	TOTAL
Trip Charge / Mileage (circle one)		43	\$ 15	\$ 645
Lodging Fees				\$ -
Per Diem Fees				\$ -
Other				\$ -
Other (specify)				\$ -
SECTION TOTAL				\$ 645
GRAND TOTAL (Section Totals + Reimbursables)		\$ 5,370		

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>Nancy Miramonte</u>	Date: <u>5/22/24</u>
Inspection Agency: _____	Date: _____



EXHIBIT C - FEE ESTIMATE
Materials Testing and Special Inspection Services
Horry County Buyout Demolition ■ Myrtle Beach, SC
Terracon Proposal No. PER231061

SERVICES	RATES	QUANTITY	UNIT	TOTAL
NWPPP / NPDES Inspections				
EPSCI Erosion Control Inspector	\$75.00 per hour	17 visits	1 hours visit	51
Field Observations and Inspections				
* Construction Schedule of 6 Months				Subtotal
				\$3,825.00
Site Visits				
Vehicle Charge (company vehicle & mileage)	\$15.00 per visit	43 visits	1 roundtrip	43
				Subtotal
				\$645.00
Project Administration and Reporting				
Project Manager	\$100.00 per hour		9 hours	9
				Subtotal
				\$900.00
TOTAL ESTIMATED BIDDING FEE:				\$5,370.00

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.