

SE-955
INSPECTION / MATERIAL TESTING ORDER

AGENCY: SC Office of Resilience
PROJECT NAME: Town of Surfside Beach – Upper Myrtle & Magnolia Basin Drainage Project
PROJECT NUMBER: D30-N037-MJ
MASTER AGREEMENT CONTRACT NUMBER: 4400022278
AGENCY INSPECTION ORDER NUMBER: _____

INSPECTION FIRM: Bowman Company
ADDRESS: 1800 Huger Street Columbia, SC 29201

FEE INFORMATION

Inspection Firm's services and associated fees are set forth in the attached SE-955A, Inspection / Material Testing Order Negotiation Worksheet, dated 10/31/2024, and the attachments to the Worksheet, all of which are incorporated herein by reference.

INSPECTION/TESTING FEE TOTAL: \$ 24,260.00
REIMBURSABLES: \$ 1,500.00
CONTRACT TOTAL: \$ 25,760.00

SCHEDULE

SCHEDULED START DATE: TBD
SCHEDULED COMPLETION DATE: TBD

In response to the Request for Inspection Services from the Agency, dated the 31 day of October, 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:
BY: 
(Signature of Representative)

INSPECTION FIRM:
BY: 
(Signature of Representative)

PRINT NAME: Eric G. Fosmire
Chief of Staff
PRINT TITLE: General Counsel

PRINT NAME: Rick Craps
PRINT TITLE: Construction Inspections Manager

DATE: 7 November 2024

DATE: 10/31/2024

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:	SC Office of Resilience	
PROJECT NAME:	Town of Surfside Beach – Upper Myrtle & Magnolia Basin Drainage Project	
PROJECT NUMBER:	D30-N037-MJ	
INSPECTION FIRM:	Bowman Company	
PROJECT MANAGER FOR INSPECTION FIRM: Rick Craps		
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/Asphalt	Tommy Stabler	SCDOT Certified
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	Overhead/Finals				\$ -
	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>specify</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>specify</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>specify</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/asphalt	30	240	\$ 75	\$ 18,000
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					\$ 18,000

MISC.	INSPECTION TYPE	NO. OF INSPECTIONS	HOURS	HOURLY RATE	TOTAL
CWA § 402	NPDES Erosion Control				
Other	<i>Specify</i>				
Other	<i>Specify</i>				
	Plan Review & Major Task Pre-Planning Mtgs.				
SECTION TOTAL					

TESTING TECHNICIAN FIELD TESTS	NUMBER OF TESTS	HOURS /TESTS	TECH. HOURLY RATE	TOTAL
Soil				
Masonry Grout				
Concrete				
Footings				
Pile				
Other (<i>specify</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	3	\$ 150	\$ 450
Modified Proctor - ASTM D1557	1	\$ 160	\$ 160
Stone-Aggregate Density - ASTM D698/1557			\$ -
California Bearing Ratio - ASTM D1883			\$ -
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			\$ -
Masonry Testing - ASTM C67/78			\$ -
Other (<i>specify</i>)			\$ -
Other (<i>specify</i>)			\$ -
SECTION TOTAL			\$ 610

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PROJECT SUPPORT				
SUPPORT TYPE	TASKS	HOURS	HOURLY RATE	TOTAL
Project Manager	Plan Review			\$ -
	Pre-Con. Meeting			\$ -
	Milestone Meetings			\$ -
	Inspector Management	56.5	\$ 100	\$ 5,650
Clerical	Reports			\$ -
	General			\$ -
SECTION TOTAL				\$ 5,650
TOTAL OF ALL SECTIONS		\$ 24,260		
REIMBURSABLES		TOTAL UNITS	UNIT RATE	TOTAL
Trip Charge / Mileage (circle one)		30	\$ 50	\$ 1,500
Lodging Fees				\$ -
Per Diem Fees				\$ -
Other (specify)				\$ -
Other (specify)				\$ -
SECTION TOTAL				\$ 1,500
GRAND TOTAL (Section Totals + Reimbursables)		\$ 25,760		

The Forgoing is Based on the Following Assumptions & Attachments

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

APPROVAL

Agency Representative: *Elin A. Toamine* Date: 7 NOV. 2024
 Inspection Agency: *Rubford* Date: 10/31/24

SE-962**STATEMENT OF SPECIAL INSPECTIONS RESPONSIBILITIES***(For Chapter 17 Inspections Only)***AGENCY:** SC Office of Resilience**PROJECT NAME:** Town of Surfside Beach – Upper Myrtle & Magnolia Basin Drainage Project**PROJECT NUMBER:** D30-N037-MJ**INSPECTION FIRM:** Bowman Company**ADDRESS:** Street/PO Box: 1800 Huger StreetCity: ColumbiaState: SCZIP: 29201-**CONTACT PERSON:** Rick Craps**EMAIL:** rcraps@bowman.com**TELEPHONE:** 803-206-4372**ARCHITECT-ENGINEER (A/E):** _____**CONTRACTOR:** _____**A. AGENCY**

In accordance with Section 1704 of the 2018 International Building Code (IBC), an independent testing/inspection firm is to perform required special inspections. The above-named Inspection Firm has been retained to perform the duties of special inspection.

B. A/E RESPONSIBILITY

1. The registered design professional in responsible charge has included special inspection requirements and specifications on the plans and prepared the Statement of Special Inspections in accordance with IBC section 1704.3.
2. The registered design professional in responsible charge shall review the special inspection reports and provide corrective action for work that may not conform to the approved plans.

C. CONTRACTOR'S RESPONSIBILITIES**1. Assuring Subcontractor Compliance**

- a. The Contractor is responsible to advise his subcontractors of the inspection and testing requirements affecting their work and assuring conformance with all notice requirements necessary to assure timely performance of required inspections and tests.
- b. The Contractor shall maintain on the job site, a copy of the Statement of Special Inspections signed by each subcontractor and/or supplier whose work requires inspection and/or testing pursuant to said Statement. Such signature shall constitute acknowledgement that they have read and agree to the inspection and testing requirements of the Statement of Special Inspections.

2. Notify the Inspection Firm

The Contractor is responsible for notifying the inspection firm at least two business days before the required inspections.

3. Written Statement of Responsibility

Contractor shall complete this form to satisfy IBC 1704.4, Contractor responsibility for construction of designated main-wind or seismic force resisting system.

4. Provide Access to Office of State Engineer Approved Plans

The approved plans shall be readily accessible at the job site.

5. Provide Access to Work

The Contractor shall provide reasonable access to all work requiring special inspection.

6. Retaining Special Inspection Reports at the Job Site

The Contractor is also responsible for retaining at the job site all special inspection records submitted by the special inspector, and providing these records for review by the Agency, Architect-Engineer, and/or OSE upon request.

7. Notify Agency of Special Inspections prior to scheduled inspection time.**D. SPECIAL INSPECTOR RESPONSIBILITIES****1. Responding to Request for Inspection(s)**

- a. The inspection firm shall respond to a request to schedule an inspection/test and schedule the inspection(s)/test(s) no later than two (2) business days after receiving the request.
- b. The inspection firm shall immediately notify the building official and Agency by email if the construction Contractor is failing to request required inspections

2. Observe the work

- a. The inspector(s) shall observe the work for compliance with the OSE approved plans, specifications, and applicable provisions of the IBC. The A/E's reviewed shop drawings, and/or placement drawings, may be used only as an aid to inspections.
- b. The inspection firm shall maintain the Project Inspection/Material Testing Log (SE-965), at the jobsite
- c. For each inspection trip, the inspection firm's inspectors and testing technicians shall document on the SE-965 the following information before leaving the site:
 - 1) the date of the inspection(s),
 - 2) the time they arrived,
 - 3) their name and ICC certification number,
 - 4) the type and location of inspection(s) and/or test(s) to be performed,
 - 5) that they gave a written report to the construction contractor prior to leaving the site, and
 - 6) the time they left the site.

3. Report non-conforming items

- a. The inspector shall bring non-conforming items to the immediate attention of the General Contractor while on site.
- b. The inspector shall notify the Agency and A/E within 24 hours of any re-inspection requirements, and shall document the date of the deficiency, the name of the inspector that discovered the deficiency and any action taken to correct each deficiency on the Project Inspection/Material Testing Deficiency Log (SE-966), at the jobsite.
- c. The inspection firm shall forward a copy of the SE-965 and SE-966 to OSE monthly.

4. Furnish reports

- a. For each inspection trip, the inspector shall make a written report and provide a copy of the report to the construction contractor's project superintendent before leaving the site. The copy provided to the construction contractor shall not be via a link to a website unless the Contractor agrees to such delivery in writing.
- b. The inspection firm shall provide the OSE, Agency and A/E a copy of the report within two business days after the inspection. The means of delivery of the report to the Agency and A/E is subject to the approval of the Agency. OSE will accept delivery via an attachment to email. OSE will not accept delivery via a link to a website.
- c. Each written report shall include the results of the inspection, a summary of any communication with the construction Contractor, and supporting photographs

5. Stop Work

The inspector does not have the authority to issue a Stop Work Order unless a hazardous situation presents an immediate threat to the health, safety, or welfare of people on or about the project site.

E. OFFICE OF STATE ENGINEER (OSE)

1. Review special inspections

OSE will review project inspection reports and all Project Inspection/Material Testing Logs and Deficiency Logs.

2. Issue Certificate of Occupancy

OSE will only issue a Certificate of Occupancy after all special inspection reports have been submitted and all deficiencies have been resolved.

ACKNOWLEDGMENTS

The undersigned read and understand our responsibilities regarding special inspections.

AGENCY: _____ DATE: _____
(Signature of Representative)

PRINT NAME: _____

CONTRACTOR: _____ DATE: _____
(Signature of Representative)

PRINT NAME: _____

INSPECTION FIRM: *Rick Craps* DATE: 10/31/2024
(Signature of Representative)

PRINT NAME: Rick Craps

A/E: _____ DATE: _____
(Signature of Representative)

PRINT NAME: _____

DENNIS

a Bowman company

Fee Proposal

Bowman Company appreciates the opportunity to be of service and we take pride in providing high quality, competitive priced services performed by experienced personnel.

Client: SC Office of Resilience

Project: Town of Surfside Beach – Upper Myrtle & Magnolia Basin Drainage Project

Attn: Mrs. Sharlene Lynch

Scope:

Bowman Company is to serve as the licensed third party inspections consultant on the above referenced project. Our personnel will perform all inspection requirements as outlined in the project plans and specifications in accordance with the 2021 International Building Code and OSE Requirements. We thoroughly analyzed the plans for this project and have developed the below fee schedule based off our interpretation of the required scope. Any re-inspection fees accrued due to construction errors will be tracked/documented and supplied to owner for review. Utilized hourly rates are pulled from Bowman Company Statewide Term Contract for Building Inspection Services (Contract # 4400022278).

Fee Schedule:

Project Management / Engineering and Administration:

1. Project Manager/Project Engineer 56.5 hours @ \$100/hr	<u>\$ 5,650.00</u>
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Fee for Management / Engineering and Administration	\$ 5,650.00
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Chapter 17 Inspections

1. Earthwork Soils / Asphalt Inspector 240 hours @ \$75/hr	<u>\$ 18,000.00</u>
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Fee for Required Chapter 17 Inspections	\$ 18,000.00
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Lab Fees:

3 Standard Soil Proctors	\$ 450.00
1 Modified Stone Proctor	\$ 160.00

Trip Charges:

30 Trips at \$50ea	\$ 1,500.00
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Ricky Craps

Ricky Craps
Construction Inspections Manager
Bowman Company

Total: \$ 25,760.00

31 October 2024
Date