

SCOPE OF WORK

Allaire Snack Bar Renovation

Allaire State Park
Wall Township, Monmouth County, NJ

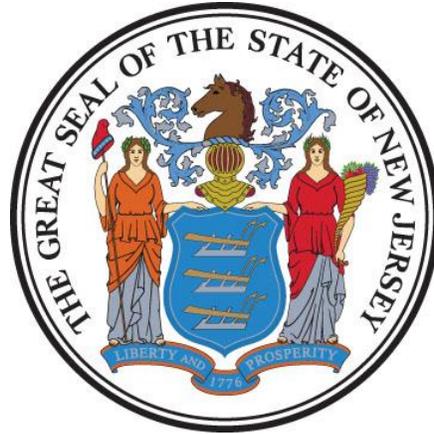
Project No. P1343-00

STATE OF NEW JERSEY

Honorable Philip D. Murphy, Governor
Honorable Tahesha L. Way, Lt. Governor

DEPARTMENT OF THE TREASURY

Elizabeth Maher Muoio, Treasurer



DIVISION OF PROPERTY MANAGEMENT AND CONSTRUCTION

Thomas A. Edenbaum, Director

Date: January 21, 2025

TABLE OF CONTENTS

SECTION	PAGE
I. OBJECTIVE	4
II. CONSULTANT QUALIFICATIONS	4
A. CONSULTANT & SUB-CONSULTANT PRE-QUALIFICATIONS.....	4
III. PROJECT BUDGET	5
A. CONSTRUCTION COST ESTIMATE (CCE)	5
B. CURRENT WORKING ESTIMATE (CWE)	5
C. CONSULTANT’S FEES	5
IV. PROJECT SCHEDULE	5
A. SCOPE OF WORK DESIGN & CONSTRUCTION SCHEDULE	5
B. CONSULTANT’S PROPOSED DESIGN & CONSTRUCTION SCHEDULE	6
V. PROJECT SITE LOCATION & TEAM MEMBERS.....	7
A. PROJECT SITE ADDRESS.....	7
B. PROJECT TEAM MEMBER DIRECTORY	7
1. DPMC Representative:	7
2. Client Agency Representative:	7
VI. PROJECT DEFINITION	8
A. BACKGROUND	8
B. FUNCTIONAL DESCRIPTION OF THE BUILDING.....	8
VII. CONSULTANT DESIGN RESPONSIBILITIES.....	8
A. DESIGN REQUIREMENTS	8
B. DESIGN MEETINGS & PRESENTATIONS.....	11
C. EXISTING DOCUMENTATION	11
D. HAZARDOUS BUILDING MATERIALS.....	12
VIII. PERMITS & APPROVALS.....	13
A. NJ UNIFORM CONSTRUCTION CODE PLAN REVIEW AND PERMIT.....	13
B. OTHER REGULATORY AGENCY PERMITS, CERTIFICATES AND APPROVALS.....	15
IX. ENERGY REBATE AND INCENTIVE PROGRAMS	16
X. ALLOWANCES	17
A. PLAN REVIEW AND PERMIT FEE ALLOWANCE.....	17

PROJECT NAME: Allaire Snack Bar Renovation
PROJECT LOCATION: Allaire State Park
PROJECT NO: P1343-00
DATE: January 21, 2025

1. Permits:	17
2. Permit Costs:	17
3. Applications:	17
4. Consultant Fee:	17
B. HAZARDOUS MATERIALS TESTING AND REPORT ALLOWANCE	17
C. HAZARDOUS MATERIALS ABATEMENT DESIGN ALLOWANCE	18
D. HAZARDOUS MATERIALS CONSTRUCTION ADMINISTRATION ALLOWANCE	18
XI. SOW SIGNATURE APPROVAL SHEET	19
XII. CONTRACT DELIVERABLES	20
XIII. EXHIBITS	20
A. SAMPLE PROJECT SCHEDULE FORMAT	
B. PROJECT SITE LOCATION MAP	
C. PHOTOS	

I. OBJECTIVE

The objective of this project is to upgrade the NJDEP Snack Bar building at Allaire State Park in Wall Township. Upgrades include restroom and septic system renovations and expansion, roof system replacement, HVAC upgrades, fire alarm installation and replace all existing ceiling tiles, lights, windows and doors. Multi-use space will be renovated and scaled down, but storage space will remain the same size.

II. CONSULTANT QUALIFICATIONS

A. CONSULTANT & SUB-CONSULTANT PRE-QUALIFICATIONS

The Consultant shall be a firm pre-qualified with the Division of Property Management & Construction (DPMC) in the following discipline(s):

- **P001 Architecture**

The Consultant shall also have in-house capabilities or Sub-Consultants pre-qualified with DPMC in:

- **P002 Electrical Engineering**
- **P003 HVAC Engineering**
- **P004 Plumbing Engineering**
- **P006 Sanitary Engineering**
- **P007 Structural Engineering**
- **P025 Estimating/ Cost Analysis**
- **P031 Archaeology**
- **P037 Asbestos Management & Design**
- **P038 Asbestos Safety Control Monitoring**
- **P043 Fire Detection Systems**
- **P065 Lead Paint Evaluation/Inspection**

As well as, **any and all** other Architectural, Engineering and Specialty Disciplines necessary to complete the project as described in this Scope of Work (SOW).

III. PROJECT BUDGET

A. CONSTRUCTION COST ESTIMATE (CCE)

The initial Construction Cost Estimate (CCE) for this project is \$ 900,000.00

The Consultant shall review this Scope of Work and provide a narrative evaluation and analysis of the accuracy of the proposed project CCE in its technical proposal based on its professional experience and opinion.

B. CURRENT WORKING ESTIMATE (CWE)

The Current Working Estimate (CWE) for this project is \$ 1,305,500.00

The CWE includes the construction cost estimate and all consulting, permitting and administrative fees.

The CWE is the client agency's financial budget based on this project Scope of Work and shall not be exceeded during the design and construction phases of the project unless DPMC approves the change in Scope of Work through a Contract amendment.

C. CONSULTANT'S FEES

The construction cost estimate for this project *shall not* be used as a basis for the Consultant's design and construction administration fees. The Consultant's fees shall be based on the information contained in this Scope of Work document and the observations made and/or the additional information received during the pre-proposal meeting.

IV. PROJECT SCHEDULE

A. SCOPE OF WORK DESIGN & CONSTRUCTION SCHEDULE

The following schedule identifies the estimated design and construction phases for this project and the estimated durations.

PROJECT PHASE	ESTIMATED DURATION (Calendar Days)
1. Site Access Approvals & Schedule Design Kick-off Meeting	14
2. Investigation and Schematic Design Phase	42
• <i>Project Team & DPMC Plan/Code Unit Review & Comment</i>	14

3. Design Development Phase	42
• <i>Project Team & DPMC Plan/Code Unit Review & Comment</i>	14
4. Final Design Phase	42
• <i>Project Team & DPMC Plan/Code Unit Review & Approval</i>	14
5. Final Design Re-Submission to Address Comments	7
• <i>Project Team & DPMC Plan/Code Unit Review & Approval</i>	14
6. DCA Submission Plan Review	30
7. Permit Application Phase	7
• <i>Issue Plan Release</i>	
8. Bid Phase	42
9. Award Phase	28
10. Construction Phase	180
11. Project Close Out Phase	30

B. CONSULTANT’S PROPOSED DESIGN & CONSTRUCTION SCHEDULE

The Consultant shall submit a project design and construction schedule with its technical proposal that is similar in format and detail to the schedule depicted in **Exhibit ‘A’**. The schedule developed by the Consultant shall reflect its recommended project phases, phase activities, activity durations.

A written narrative shall also be included with the technical proposal explaining the schedule submitted and the reasons why and how it can be completed in the time frame proposed by the Consultant.

This schedule and narrative will be reviewed by the Consultant Selection Committee as part of the evaluation process and will be assigned a score commensurate with clarity and comprehensiveness of the submission.

PROJECT NAME: Allaire Snack Bar Renovation
PROJECT LOCATION: Allaire State Park
PROJECT NO: P1343-00
DATE: January 21, 2025

V. PROJECT SITE LOCATION & TEAM MEMBERS

A. PROJECT SITE ADDRESS

The location of the project site is:

Allaire State Park
4265 Atlantic Ave.
Wall Township, NJ 07727

Latitude 40.157839
Longitude -74.129606

See **Exhibit 'B'** for the project site location map.

B. PROJECT TEAM MEMBER DIRECTORY

The following are the names, addresses, and phone numbers of the Project Team members.

1. DPMC Representative:

Name: Nehad Mohamed, Project Manager
Address: Division of Property Management & Construction
20 West State Street, 3rd Floor
Trenton, NJ 08608-1206
Phone No: (609) 292-6558
E-Mail: Nehad.Mohamed@treas.nj.gov

2. Client Agency Representative:

Name: William White, Project Manager
Address: Department of Environmental Protection
275 Freehold-Englishtown Rd.
Freehold, NJ 07726
Phone No: 609-802-5886
E-Mail No: William.White@dep.nj.gov

VI. PROJECT DEFINITION

A. BACKGROUND

Allaire State Park is probably best known for its historic 19th-century iron making town, Allaire Village, and the Pine Creek Railroad, a narrow-gauge train ride. The Manasquan River, which winds through the park, provides excellent opportunities for freshwater fishing. The river's floodplain provides habitat for over 200 species of wildflowers, trees and plants as well as habitat for birds and other wildlife. Hikers, mountain bikers and horseback riders enjoy the many trails in the park.

The park also features a visitor center / museum, nature interpretive center, camping, fishing, limited deer hunting, picnic tables / shelters, playground, food concession, canoeing / kayaking, birding and cross-country skiing. Park trails accommodate hiking, horseback riding, nature trails, mountain biking and biking.

B. FUNCTIONAL DESCRIPTION OF THE BUILDING

The Snack Bar Building is a modern two story structure that houses public restrooms, a kitchen/snack bar area, a multiuse/meeting room and a storage area on the first floor. The 2nd floor is an unfinished storage attic. The building has an on-site septic sewage system. The men's and women's restrooms are served by a narrow pipe chase.

The interior renovations will address upgrading and expanding restrooms (men's, women's, and family) into the kitchen/snack bar area with new sewer lines. The septic sewage system to be replaced and expanded. The roof system is at the end of its useful life and will need to be replaced. The existing HVAC system needs an upgrade as well.

VII. CONSULTANT DESIGN RESPONSIBILITIES

A. DESIGN REQUIREMENTS

1. General:

The Consultant shall provide the Design, Construction Administration, Permitting and Bid/Award Services to upgrade the NJDEP Snack Bar building at Allaire State Park in Wall Township in Monmouth County.

The Snack Bar building renovations shall be based on the requirements of the DEP Allaire State Park staff in order to update and modernize the building by gutting all the interior space currently housing the restrooms and meeting space on the first floor, expand and reconfigure the restrooms

based on discussions with Park staff during design meetings. The building shall comply with all barrier free requirements.

The Design Consultant shall locate, evaluate, and document all above and below grade utility lines, systems and equipment including but not limited to septic system and leach field system.

It is the Consultant`s responsibility to:

- Meet and coordinate with DEP Allaire State Park Staff to outline the design and functional requirements necessary for the building upgrade.
- Provide design, specification, bid/award and construction administration services to upgrade the existing building. This is expected to include all architectural, HVAC and electrical modifications and any change necessary to meet the client needs.

2. Demolition and Removal:

The Design Consultant shall identify, through project discussion, and provide the design and specifications for the demolition and removal of the building`s interior, exterior, and existing roofing system while keeping the structural integrity of the building. Any existing appliances for reuse shall be removed and stored in a separate and enclosed region.

The Consultant shall include in the design the safe removal of any asbestos-containing building material and hazardous building debris.

The Consultant shall provide the design for the demolition and safe removal of the existing restroom fixtures and equipment.

The Design Consultant shall make note of any specialty construction equipment required for the demolition and safe removal of the debris and/or fixtures. If any of the walls are to be demolished, the consultant shall make sure that this does not compromise the structural integrity of the building. If any structural walls are to be demolished, the consultant shall provide a design for supporting the structure. This shall include but not be limited to: installation, maintenance and removal of temporary protection measures, all required pedestrian traffic control measures, limits of removal for existing finishes and fixtures and piping, removal and legal disposal of all demolition items. The Consultant shall evaluate and determine the necessary ceiling design for the project. Any ceiling repair or patch-work shall be included in the design.

Any demolition equipment and/or dumpster locations shall be provided at an Agency approved location.

3. Building Renovations:

The Consultant shall provide an Agency approved design for the building upgrades that includes but is not limited to the following:

- Expand the men's and women's restrooms as well as adding family restrooms.
 - Identify: room dimensions, door and window openings, room finishes, all fixtures, waste, drain, vent, water supply piping, sanitary piping, floor drains, heating and/or cooling outlets.
 - All pipe chase access will need to be verified.
 - Shut-off valves shall be replaced or installed.
 - Provide all design requirements for any and all carpentry items, whether exposed or concealed.
 - All floor and wall surfaces to be finished.
 - Design all agency approved fixtures including but not limited to: sinks, toilets, flush meters, faucets and hand dryers.
 - Design criteria for the accessories: grab bars, mirrors, shelves, toilet tissue dispensers, feminine hygiene dispensing and disposal units, paper towel dispensers, soap dispensers and hand dryers.
 - All existing waste, drain and vent piping removal shall be removed and replaced.
 - Replace all cold and hot water supply piping back to the water meter.
- Renovate the multi-use meeting room, size of the room will depend on the expansion of the restrooms.
- Eliminate the kitchen/snack bar area.
- Replace roofing system on the Snack Bar Building, as well as, some cosmetic changes to the roof design.
- The Consultant shall provide design, specifications, bid/award and construction administration services to removal and replace all of the existing HVAC systems and related equipment. The Consultant shall include in the design start-up, testing, and balancing for all installed HVAC equipment room to ensure adequate fresh air is supplied per code requirements.
- Remove and replace all of the existing lighting.
- Install new fire alarm system.
- Replace and expand the septic system, including tanks, disposal fields and all other requirements.

- Complete an “Application for Project Authorization under the New Jersey Register of Historic Places Act” and submit it to the State Historic Preservation Office for review and approval prior to securing the required UCC permits.
The “Application for Project Authorization Under the New Jersey Register of Historic Places Act” can be found at: http://www.nj.gov/dep/hpo/2protection/sr_revapp_min.pdf

B. DESIGN MEETINGS & PRESENTATIONS

1. Design Meetings:

Conduct the appropriate number of review meetings with the Project Team members during each design phase of the project so they may determine if the project meets their requirements, question any aspect of the contract deliverables, and make changes where appropriate. The Consultant shall describe the philosophy and process used in the development of the design criteria and the various alternatives considered to meet the project objectives. Selected studies, sketches, cost estimates, schedules, and other relevant information shall be presented to support the design solutions proposed. Special considerations shall also be addressed such as: Contractor site access limitations, utility shutdowns and switchover coordination, phased construction and schedule requirements, security restrictions, available swing space, material and equipment delivery dates, etc.

It shall also be the responsibility of the Consultant to arrange and require all critical Sub-Consultants to be in attendance at the design review meetings.

Record the minutes of each design meeting and distribute within three (3) calendar days to all attendees and those persons specified to be on the distribution list by the Project Manager.

2. Design Presentations:

The minimum number of design presentations required for each phase of this project is identified below for reference:

Investigation and Schematic Design Phase: One (1) oral presentation at phase completion.

Design Development Phase: One (1) oral presentation at phase completion.

Final Design Phase: One (1) oral presentation at phase completion.

C. EXISTING DOCUMENTATION

Copies of the following documents will be provided to each Consulting firm at the pre-proposal meeting to assist in the bidding process.

- (P0330-00: Visitor’s Center, 11-22-1983, by: Milstein and Yezzi- Associated Architects)
- (Waterline Improvements, 03-01-1995, By Peter E. Meyer Professional Engineer)
- (P1000-03: Life Safety Improvements, 09-12-2006, by Lammey & Giorgio)

Review these documents and any additional information that may be provided at a later date such as reports, studies, surveys, equipment manuals, as-built drawings, etc. The State does not attest to the accuracy of the information provided and accepts no responsibility for the consequences of errors by the use of any information and material contained in the documentation provided. It shall be the responsibility of the Consultant to verify the contents and assume full responsibility for any determination or conclusion drawn from the material used. If the information provided is insufficient, the Consultant shall take the appropriate actions necessary to obtain the additional information required.

All original documentation shall be returned to the provider at the completion of the project.

D. HAZARDOUS BUILDING MATERIALS

Consultant shall survey the building and related components and, if deemed necessary, collect samples of materials that will be impacted by the construction/demolition activities and analyze them for the presence of hazardous materials including:

- a. Asbestos in accordance with N.J.A.C. 5:23-8, Asbestos Hazard Abatement Subcode.
- b. Lead in accordance with N.J.A.C. 5:17, Lead Hazard Evaluation and Abatement.

Code. Consultant shall document their procedure, process and findings and prepare a “Hazardous Materials Survey Report” identifying building components impacted by construction activities requiring hazardous materials abatement. Consultant shall provide three copies of the “Hazardous Materials Survey Report” to the Project Manager.

Consultant shall estimate the cost of hazardous materials sample collection, testing, analysis and preparation of the Hazardous Materials Survey Report and include that amount in their fee proposal line item entitled “**Hazardous Materials Testing and Report Allowance**”, refer to paragraph **X.B.**

Based on the Hazardous Materials Survey Report, Consultant shall provide construction documents for abatement of the hazardous materials impacted by the work in accordance with the applicable code, sub-code and Federal regulations.

Consultant shall estimate the cost to prepare construction documents for hazardous materials abatement and include that amount in their fee proposal line item entitled “**Hazardous Materials Abatement Design Allowance**”, refer to paragraph **X.C.**

Consultant shall estimate the cost to provide “Construction Monitoring and Administration

Services” for hazardous materials abatement activities and include that amount in their fee proposal line item entitled “**Hazardous Materials Construction Administration Allowance**”, refer to paragraph **X.D**.

There shall be no “mark-up” of sub-consultant or subcontractor fees if sub-consultants or subcontractors are engaged to perform any of the work defined in paragraph **VII.D** “Hazardous Building Materials”. All costs associated with managing, coordinating, observing and administering sub-consultants and subcontractors performing hazardous materials sampling, testing, analysis, report preparation, hazardous materials construction administration services shall be included in the consultant’s lump sum fee proposal.

VIII. PERMITS & APPROVALS

A. NJ UNIFORM CONSTRUCTION CODE PLAN REVIEW AND PERMIT

The project construction documents must comply with the latest adopted edition of the NJ Uniform Construction Code (NJUCC).

The latest NJUCC Adopted Codes and Standards can be found at:

<http://www.state.nj.us/dca/divisions/codes/codreg/>

1. NJ Uniform Construction Code (NJUCC) Plan Review

Consultant shall estimate the cost of the NJUCC Plan Review by DCA and include that amount in their fee proposal line item entitled “**Plan Review and Permit Fee Allowance**”, refer to paragraph **X.A**.

Upon approval of the Final Design Phase Submission by DPMC, the Consultant shall submit the construction documents to the Department of Community Affairs (DCA), Bureau of Construction Project Review to secure a complete plan release.

As of July 25, 2022, the Department of Community Affairs (DCA) is only accepting digital signatures and seals issued from a third party certificate authority.

Procedures for submission to the DCA Plan Review Unit can be found at:

https://www.state.nj.us/dca/divisions/codes/forms/pdf_bcpr/pr_app_guide.pdf

Consultant shall complete the “Project Review Application” and include the following on Block 5 as the “Owner’s Designated Agent Name”:

Trevor M. Dittmar, DPMC

PROJECT NAME: Allaire Snack Bar Renovation
PROJECT LOCATION: Allaire State Park
PROJECT NO: P1343-00
DATE: January 21, 2025

PO Box 235
Trenton, NJ 08625-0235
Trevor.Dittmar@treas.nj.gov 609-984-5529

The Consultant shall complete the NJUCC “Plan Review Fee Schedule”, determine the fee due and pay the NJUCC Plan Review fees, refer to Paragraph X.A.

The NJUCC “Plan Review Fee Schedule” can be found at:

http://www.state.nj.us/dca/divisions/codes/forms/pdf_bcpr/pr_fees.pdf

2. NJ Uniform Construction Code Permit

Upon receipt of a complete plan release from the DCA Bureau of Construction Project Review, the Consultant shall complete the NJUCC permit application and all applicable technical sub-code sections. The “Agent Section” of the application and certification section of the building sub-code section shall be signed. These documents, with **six (6) sets of DCA approved, signed and sealed construction documents** shall be forwarded to the DPMC Project Manager.

The Consultant may obtain copies of all NJUCC permit applications at the following website:

<https://www.nj.gov/dca/divisions/codes/resources/constructionpermitforms.html>

All other required project permits shall be obtained and paid for by the Consultant in accordance with the procedures described in Paragraph VIII.B.

3. Prior Approval Certification Letters:

The issuance of a construction permit for this project may be contingent upon acquiring various “prior approvals” as defined by N.J.A.C. 5:23-1.4. It is the Consultant’s responsibility to determine which prior approvals, if any, are required. The Consultant shall submit a general certification letter to the DPMC Plan & Code Review Unit Manager during the Permit Phase of this project that certifies all required prior approvals have been obtained.

In addition to the general certification letter discussed above, the following specific prior approval certification letters, where applicable, shall be submitted by the Consultant to the DPMC Plan & Code Review Unit Manager: Soil Erosion & Sediment Control, Water & Sewer Treatment Works Approval, Coastal Areas Facilities Review, Compliance of Underground Storage Tank Systems with N.J.A.C. 7:14B, Pinelands Commission, Highlands Council, Well Construction and Maintenance; Sealing of Abandoned Wells with N.J.A.C. 7:9D, Certification that all utilities have been disconnected from structures to be demolished, Board of Health Approval for Potable Water Wells, Health Department Approval for Septic Systems. It shall be noted that in accordance with N.J.A.C. 5:23-2.15(a)5, a permit cannot be issued until the letter(s) of certification is received.

4. Multi-building or Multi-site Permits:

A project that involves many buildings and/or sites requires that a separate permit shall be issued for each building or site. The Consultant must determine the construction cost estimate for *each* building and/or site location and submit that amount where indicated on the permit application.

5. Special Inspections:

In accordance with the requirements of the New Jersey Uniform Construction Code N.J.A.C. 5:23-2.20(b), Bulletin 03-5 and Chapter 17 of the International Building Code, the Consultant shall be responsible for the coordination of all special inspections during the construction phase of the project.

Bulletin 03-5 can be found at:

http://www.state.nj.us/dca/divisions/codes/publications/pdf_bulletins/b_03_5.pdf

a. Definition:

Special inspections are defined as an independent verification by a certified special inspector for **Class I buildings and smoke control systems in any class building**. The special inspector is to be independent from the Contractor and responsible to the Consultant so that there is no possible conflict of interest.

Special inspectors shall be certified in accordance with the requirements in the New Jersey Uniform Construction Code.

b. Responsibilities:

The Consultant shall submit with the permit application, a list of special inspections and the agencies or special inspectors that will be responsible to carry out the inspections required for the project. The list shall be a separate document, on letter head, signed and sealed.

B. OTHER REGULATORY AGENCY PERMITS, CERTIFICATES AND APPROVALS

The Consultant shall identify and obtain all other State Regulatory Agency permits, certificates, and approvals that will govern and affect the work described in this Scope of Work. An itemized list of these permits, certificates, and approvals shall be included with the Consultant's Technical Proposal and the total amount of the application fees should be entered in the Fee Proposal line item entitled, "**Plan Review and Permit Fee Allowance.**"

PROJECT NAME: Allaire Snack Bar Renovation
PROJECT LOCATION: Allaire State Park
PROJECT NO: P1343-00
DATE: January 21, 2025

The Consultant may refer to the Division of Property Management and Construction “Procedures for Architects and Engineers Manual”, Paragraph “**9. REGULATORY AGENCY APPROVALS**” which presents a compendium of State permits, certificates, and approvals that may be required for this project.

The Consultant shall determine the appropriate phase of the project to submit the permit application(s) in order to meet the approved project milestone dates. Where reference to an established industry standard is made, it shall be understood to mean the most recent edition of the standard unless otherwise noted. If an industry standard is found to be revoked, or should the standard have undergone substantial change or revision from the time that the Scope of Work was developed, the Consultant shall comply with the most recent edition of the standard.

IX. ENERGY REBATE AND INCENTIVE PROGRAMS

The Consultant shall review any and all programs on the State and Federal level to determine if any proposed upgrades to the mechanical and/or electrical equipment and systems for this project qualify for approved rebates and incentives.

The Consultant shall review the programs available on the “New Jersey’s Clean Energy Program” website at: <http://www.njcleanenergy.com> as well as federal websites and New Jersey electric and gas utility websites to determine if and how they can be applied to this project.

The Consultant shall identify all applicable rebates and incentives in their technical proposal and throughout the design phase.

The Consultant shall be responsible to complete the appropriate registration forms and applications, provide any applicable worksheets, manufacturer’s specification sheets, calculations, attend meetings, and participate in all activities with designated representatives of the programs and utility companies to obtain the entitled financial incentives and rebates for this project.

All costs associated with this work shall be estimated by the Consultant and the amount included in the base bid of its fee proposal.

X. ALLOWANCES

A. PLAN REVIEW AND PERMIT FEE ALLOWANCE

The Consultant shall obtain and pay for all of the project permits in accordance with the guidelines identified below.

1. Permits:

The Consultant shall determine the various permits, certificates, and approvals required to complete this project.

2. Permit Costs:

The Consultant shall estimate the application fee costs for all of the required project permits, certificates, and approvals (excluding the NJ Uniform Construction Code permit) and include that amount in its fee proposal line item entitled “**Plan Review and Permit Fee Allowance**”. A breakdown of each permit and application fee shall be attached to the fee proposal for reference.

NOTE: The NJ Uniform Construction Code permit is excluded since it will be paid for by the State.

3. Applications:

The Consultant shall complete and submit all permit applications to the appropriate permitting authorities and the costs shall be paid from the Consultant’s permit fee allowance. A copy of the application(s) and the original permit(s) obtained by the Consultant shall be given to the DPMC Project Manager for distribution during construction.

4. Consultant Fee:

The Consultant shall determine what is required to complete and submit the permit applications, obtain supporting documentation, attend meetings, etc., and include the total cost in the base bid of its fee proposal under the “Permit Phase” column.

Any funds remaining in the permit allowance will be returned to the State at the close of the project.

B. HAZARDOUS MATERIALS TESTING AND REPORT ALLOWANCE

Consultant shall estimate the costs to complete the hazardous materials survey, sample collection, testing and analysis and preparation of a “Hazardous Materials Survey Report” noted in paragraph VII.D and enter that amount on their fee proposal line item entitled “**Hazardous**”

Materials Testing and Report Allowance". Consultant shall attach a detailed cost breakdown sheet for use by DPMC during the proposal review and potential fee negotiations. The cost breakdown sheet shall include, but not be limited to, the following information:

- Description of tasks and estimated cost for the following:
 - Sample collection
 - Sample testing
 - Preparation of an Hazardous Materials Survey Report

Any funds remaining in the Hazardous Materials Testing and Report Allowance will be returned to the State at the close of the project.

C. HAZARDOUS MATERIALS ABATEMENT DESIGN ALLOWANCE

Consultant shall estimate the costs to prepare construction documents for hazardous materials abatement noted in paragraph VII.D and enter that amount on their fee proposal line item entitled "**Hazardous Materials Abatement Design Allowance**". Consultant shall attach a detailed cost breakdown sheet for use by DPMC during the proposal review and potential fee negotiations. The cost breakdown sheet shall include a description of the tasks to be performed and the estimated cost of each task.

Any funds remaining in the Hazardous Materials Abatement Design Allowance will be returned to the State at the close of the project.

D. HAZARDOUS MATERIALS CONSTRUCTION ADMINISTRATION ALLOWANCE

Consultant shall estimate the cost to provide Construction Monitoring and Administration Services for hazardous materials abatement as noted in paragraph VII.D and enter that amount on their fee proposal line item entitled "**Hazardous Materials Construction Administration Allowance**". Consultant shall attach a detailed cost breakdown sheet for use by DPMC during the proposal review and potential fee negotiations. The cost breakdown sheet shall include a description of the tasks to be performed and the estimated cost of each task.

Any funds remaining in the Hazardous Materials Construction Administration Allowance will be returned to the State at the close of the project.

PROJECT NAME: Allaire Snack Bar Renovation
PROJECT LOCATION: Allaire State Park
PROJECT NO: P1343-00
DATE: January 21, 2025

XI. SOW SIGNATURE APPROVAL SHEET

This Scope of Work shall not be considered a valid document unless all signatures appear in each designated area below.

The client agency approval signature on this page indicates that they have reviewed the design criteria and construction schedule described in this project Scope of Work (including the subsequent contract deliverables and exhibits) and verifies that the work will not conflict with the existing or future construction activities of other projects at the site.

SOW PREPARED BY: *Cecile Guirguis* 02-10-2025
CECILE GUIRGUIS, PROJECT MANAGER DATE
DPMC PROJECT PLANNING & INITIATION

SOW APPROVED BY: *James Wright* 2/10/2025
JAMES WRIGHT, MANAGER DATE
DPMC PROJECT PLANNING & INITIATION

SOW APPROVED BY: *William White* 2/10/25
WILLIAM WHITE, PROJECT MANAGER DATE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

SOW APPROVED BY: *Nehad Mohamed* 2/10/2025
NEHAD MOHAMED, PROJECT MANAGER DATE
DPMC PROJECT MANAGEMENT GROUP

SOW APPROVED BY: *Jeanette M. Barnard* 3.27.25
JEANETTE M. BARNARD, DEPUTY DIRECTOR DATE
DIV PROPERTY MGT & CONSTRUCTION

XII. CONTRACT DELIVERABLES

The following are checklists listing the Contract Deliverables that are required at the completion of each phase of this project. The Consultant shall refer to the DPMC publication entitled “Procedures for Architects and Engineers,” 3.0 Edition, dated September 2022 available at <https://www.nj.gov/treasury/dpmc/Assets/Files/ProceduresforArchitectsandEngineers.pdf> for a detailed description of the deliverables required for each submission item listed. References to the applicable paragraphs of the “Procedures for Architects and Engineers” are provided.

Note that the Deliverables Checklist may include submission items that are “S.O.W. Specific Requirements”. These requirements will be defined in the project specific scope of work and included on the deliverables checklist.

This project includes the following phases with the deliverables noted as “Required by S.O.W” on the Deliverables Checklist:

- **INVESTIGATION AND SCHEMATIC DESIGN PHASE**
- **DESIGN DEVELOPMENT PHASE**
- **FINAL DESIGN PHASE**
- **PERMIT APPLICATION PHASE**
- **BIDDING AND CONTRACT AWARD**
- **CONSTRUCTION PHASE**
- **PROJECT CLOSE-OUT PHASE**

XIII. EXHIBITS

- A. **SAMPLE PROJECT SCHEDULE FORMAT**
- B. **PROJECT SITE LOCATION MAP**
- C. **PHOTOS**

END OF SCOPE OF WORK

Deliverables Checklist Design Development Phase

A/E Name: _____

A/E Manual Reference	Submission Item	Required by S.O.W.		Previously Submitted		Enclosed	
		Yes	No	Yes	No	Yes	No
14.4.1.	A/E Statement of Site Visit						
14.4.2.	Narrative Description of Project						
14.4.3.	Building Code Information Questionnaire						
14.4.4.	Space Analysis						
14.4.5.	Special Features						
14.4.6.	Catalog Cuts						
14.4.7.	Site Evaluation						
14.4.8.	Subsurface Investigation						
14.4.9.	Surveys						
14.4.10.	Arts Inclusion						
14.4.11.	Design Rendering						
14.4.12.	Regulatory Approvals						
14.4.13.	Utility Availability						
14.4.14.	Drawings (6 Sets)						
14.4.15.	Specifications (6 Sets)						
14.4.16.	Current Working Estimate/Cost Analysis						
14.4.17.	Project Schedule						
14.4.18.	Formal Presentation						
14.4.19.	Plan Review/Scope of Work Compliance Statement						
14.4.20.	Design development Phase Deliverables Checklist						
S.O.W. Reference	S.O.W. Specific Requirements						

This checklist shall be completed by the Design Consultant and included as the cover sheet of this submission to document to the DPMC the status of all the deliverables required by the project specific Scope of Work.

Consultant Signature

Date

February 7, 1997
Rev.: January 29, 2002

Responsible Group Code Table

The codes below are used in the schedule field "GRP" that identifies the group responsible for the activity. The table consists of groups in the Division of Property Management & Construction (DPMC), as well as groups outside of the DPMC that have responsibility for specific activities on a project that could delay the project if not completed in the time specified. For reporting purposes, the groups within the DPMC have been defined to the supervisory level of management (i.e., third level of management, the level below the Associate Director) to identify the "functional group" responsible for the activity.

<u>CODE</u>	<u>DESCRIPTION</u>	<u>REPORTS TO ASSOCIATE DIRECTOR OF:</u>
CM	Contract Management Group	Contract Management
CA	Client Agency	N/A
CSP	Consultant Selection and Prequalification Group	Technical Services
A/E	Architect/Engineer	N/A
PR	Plan Review Group	Technical Services
CP	Construction Procurement	Planning & Administration
CON	Construction Contractor	N/A
FM	Financial Management Group	Planning & Administration
OEU	Office of Energy and Utility Management	N/A
PD	Project Development Group	Planning & Administration

EXHIBIT 'A'

Activity ID	Description	Repon	Weeks
<PROJ>			
Design			
CV3001	Schedule/Conduct Pre-design/Project Kick-Off Mtg.	CM	
CV3020	Prepare Program Phase Submittal	AE	
CV3021	Distribute Program Submittal for Review	CM	
CV3027	Prepare & Submit Project Cost Analysis (DPMC-38)	CM	
CV3022	Review & Approve Program Submittal	CA	
CV3023	Review & Approve Program Submittal	PR	
CV3024	Review & Approve Program Submittal	CM	
CV3025	Consolidate & Return Program Submittal Comments	CM	
CV3030	Prepare Schematic Phase Submittal	AE	
CV3031	Distribute Schematic Submittal for Review	CM	
CV3037	Prepare & Submit Project Cost Analysis (DPMC-38)	CM	
CV3032	Review & Approve Schematic Submittal	CA	
CV3033	Review & Approve Schematic Submittal	PR	
CV3034	Review & Approve Schematic Submittal	CM	
CV3035	Consolidate & Return Schematic Submittal Comment	CM	
CV3040	Prepare Design Development Phase Submittal	AE	
CV3041	Distribute D. D. Submittal for Review	CM	
CV3047	Prepare & Submit Project Cost Analysis (DPMC-38)	CM	
CV3042	Review & Approve Design Development Submittal	CA	
CV3043	Review & Approve Design Development Submittal	PR	
CV3044	Review & Approve Design Development Submittal	CM	
CV3045	Consolidate & Return D.D. Submittal Comments	CM	
CV3050	Prepare Final Design Phase Submittal	AE	
CV3051	Distribute Final Design Submittal for Review	CM	
CV3052	Review & Approve Final Design Submittal	CA	
CV3053	Review & Approve Final Design Submittal	PR	
CV3054	Review Final Design Submittal for Constructability	OCS	

Sheet 1 of 3

Bureau of Design & Construction Services

DBCA - TEST

NOTE:
Refer to section "IV Project Schedule" of the
Scope of Work for contract phase durations.

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EXHIBIT 'A'

Activity ID	Description	Repn	Weeks
CV3655	Review & Approve Final Design Submittal	CM	
CV3656	Consolidate & Return Final Design Comments	CM	
CV3660	Prepare & Submit Permit Application Documents	AE	
CV3668	Prepare & Submit Bidding Cost Analysis (DPMC-38)	CM	
Plan Review-Permit Acquisition			
CV4001	Review Constr. Documents & Secure UCC Permit	PR	
CV4010	Provide Funding for Construction Contracts	CA	
CV4020	Secure Bid Clearance	CM	
Advertise-Bid-Award			
CV5001	Advertise Project & Bid Construction Contracts	CP	
CV5010	Open Construction Bids	CP	
CV5011	Evaluate Bids & Prep. Recommendation for Award	CM	
CV5012	Evaluate Bids & Prep. Recommendation for Award	AE	
CV5014	Complete Recommendation for Award	CP	
CV5020	Award Construction Contracts/Issue NTP	CP	
Construction			
CV6000	Project Construction Start/Issue NTP	CM	
CV6001	Contract Start/Contract Work (25%) Complete	CON	
CV6002	Preconstruction Meeting	CM	
CV6003	Begin Preconstruction Submittals	CON	
CV6004	Longest Lead Procurement Item Ordered	CON	
CV6005	Lead Time for Longest Lead Procurement Item	CON	
CV6006	Prepare & Submit Shop Drawings	CON	
CV6007	Complete Construction Submittals	CON	
CV6011	Roughing Work Start	CON	
CV6012	Perform Roughing Work	CON	
CV6010	Contract Work (50%+) Complete	CON	
CV6013	Longest Lead Procurement Item Delivered	CON	
CV6020	Contract Work (75%) Complete	CON	

NOTE:
Refer to section "TV Project Schedule" of the
Scope of Work for contract phase durations.

DBCA - TEST

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Sheet 2 of 3

EXHIBIT 'A'

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Activity ID	Description	Respn	Weeks
CV6014	Roughing Work Complete	CON	
CV6021	Interior Finishes Start	CON	
CV6022	Install Interior Finishes	CON	
CV6030	Contract Work to Substantial Completion	CON	
CV6031	Substantial Completion Declared	CM	
CV6075	Complete Deferred Punch List/Seasonal Activities	CON	
CV6079	Project Construction Complete	CM	
CV6080	Close Out Construction Contracts	CM	
CV6089	Construction Contracts Complete	CM	
CV6090	Close Out A/E Contract	CM	
CV6092	Project Completion Declared	CM	

DECA - TEST

Sheet 3 of 3

Bureau of Design & Construction Services

EXHIBIT 'A'

NOTE:
Refer to section "IV Project Schedule" of the Scope of Work for contract phase durations.

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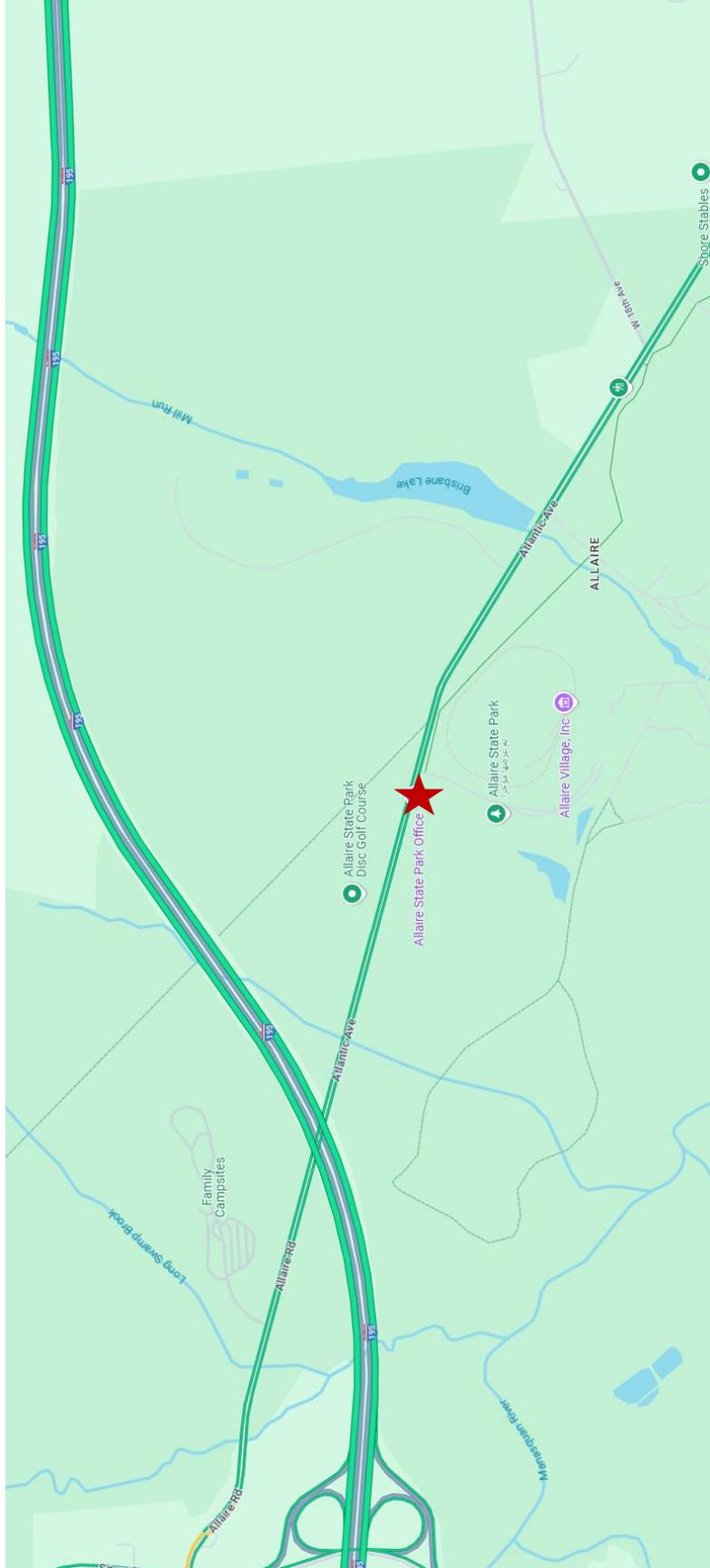


EXHIBIT 'B'

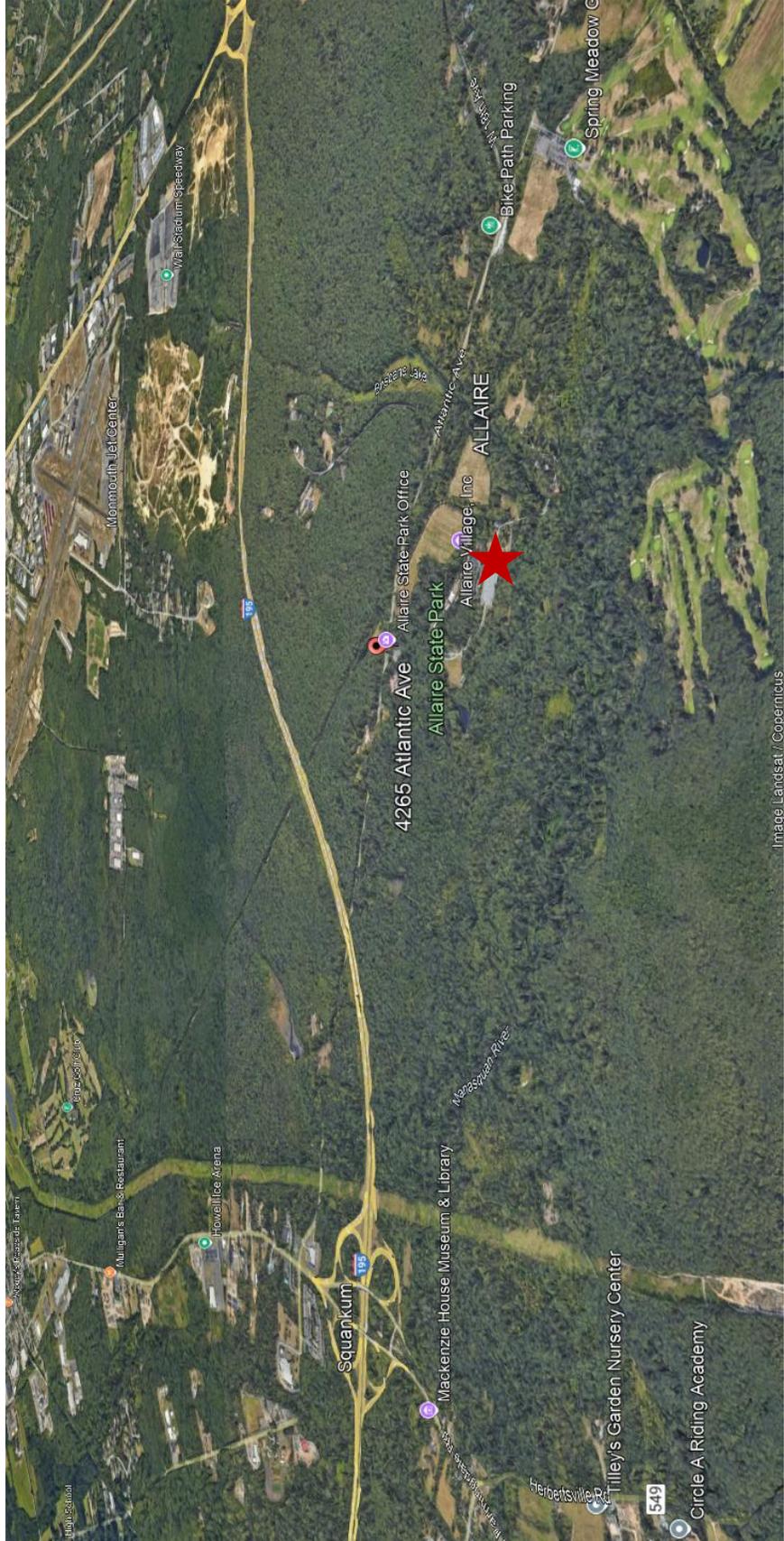


Image Landsat / Copernicus

EXHIBIT 'B'



Restrooms Facilities Entrances

EXHIBIT 'C'



Ladies' Room



Pipe Chase



Men's Room





Kitchen/Snack Bar Area



EXHIBIT 'C'



Multiuse/Meeting Room



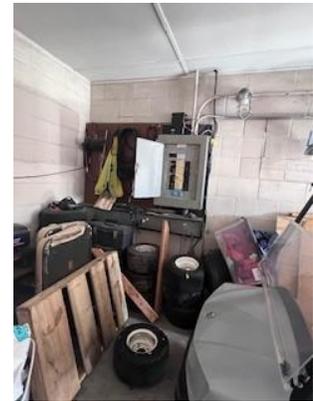
**Attic
Stairs**



Unfinished Storage Attic



Electrical Panels Closet



Water Treatment Area (Storage)

EXHIBIT 'C'



Septic System

EXHIBIT 'C'



Main Sewer Line



Septic Tank



Dirty Water Tank