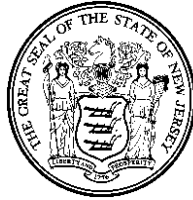


CASINO REINVESTMENT DEVELOPMENT AUTHORITY



BID FOR GENERAL CONSTRUCTION

For:	Exterior Façade Renovation
	3100 Block of the Atlantic City Boardwalk Atlantic City, New Jersey

Event	Date	Time
Bidder's Question Due Date (Refer to BID Section 1.5 for more information.)	Dec. 13, 2011	2:00 p.m.
Pre-bid Conference (Refer to BID Section 1.8 for more information.)	Nov 22, 2011	2:00 p.m.
Site Visit (Refer to BID Section 1.9 for more information.)	Nov. 22, 2011	After Pre-Bid conference
Bid Submission Due Date (Refer to BID Section 1.3 for more information.)	Jan 3, 2012	2:00 p.m.

Dates are subject to change. All changes will be reflected in Addenda to the bid posted on the CRDA webpage.

Issued By

Casino Reinvestment Development Authority
1014 Atlantic Avenue
PO Box 749
Atlantic City, New Jersey 08401
Phone 609-347-0500

Architect

Craig F. Dothe Architect LLC
33 N. Brighton Avenue
Atlantic City, New Jersey 08401
Craig F. Dothe, Project Architect
Phone: 609-348-2236

Date Issued: November 2011

1.0 INFORMATION FOR BIDDERS

1.1 Background

The Casino Reinvestment Development Authority ("CRDA") is an independent authority which was created in 1984 by Chapter 218 of the laws of the State of New Jersey (N.J.S.A. 5:12-153, et seq.). The CRDA is responsible for investing a portion of the casino gaming industry's revenues into urban revitalization projects in Atlantic City and other programs in the State of New Jersey.

The mission of the CRDA is to provide capital investment funds for economic and community related development projects that respond to the changing economic and social needs of Atlantic City and the State of New Jersey. CRDA seeks to encourage business development and permanent job creation, promote opportunities for business expansion, and commit to facilitating a vibrant economic investment and employment environment for New Jersey.

1.2 Purpose and Intent

The CRDA is releasing this Bid for General Construction (the "Solicitation") to solicit bids to engage general construction services for the renovation of the exterior facades of the 3100 block of the Atlantic City Boardwalk as more fully set forth in the contract awarded from this Solicitation.

CRDA intends to award a contract to the lowest responsible bidder whose bid conforms to these specifications. The CRDA, however, reserves the right to separately procure individual requirements that are the subject of the contract during the term when deemed by the CRDA to be in the CRDA's best interest. The CRDA reserves the right to reject any and all bids when it is determined by the CRDA to be in its best interest. The CRDA further reserves the right to waive minor irregularities in bids submitted in response to this Solicitation.

All capitalized terms not otherwise defined in this Solicitation shall have the meaning ascribed to them in the contract awarded through this Solicitation.

IN ADDITION TO MEETING ALL OTHER REQUIREMENTS OF THIS SOLICITATION, ALL BIDDERS MUST MEET THE MINIMUM REQUIREMENTS OUTLINED IN SECTION 1.18 HEREIN.

1.3 Bid Submission

In order to be considered, a bid must be delivered, in a sealed envelope, to the following:

THOMAS J. MEEHAN III
DIRECTOR OF DEVELOPMENT
CASINO REINVESTMENT DEVELOPMENT AUTHORITY
1014 ATLANTIC AVENUE
P.O. BOX 749
ATLANTIC CITY, NEW JERSEY 08401

by the date and time located on the cover page. Bidders are cautioned to allow adequate delivery time to ensure timely delivery of bids. **THE EXTERIOR OF ALL BID PACKAGES ARE TO BE LABELED “ BID FOR GENERAL CONSTRUCTION FOR THE 3100 BLOCK OF THE BOARDWALK”, AND CONTAIN THE BID OPENING DATE AND BIDDER’S NAME AND ADDRESS.**

Directions to the CRDA can be found at the following web address: <http://www.njcrda.com> under the contact us section of the website. **Bids submitted by facsimile or electronically will not be considered.**

1.4 Number of Bid Copies

The bidder must submit **two (2) complete ORIGINAL bids**, clearly marked as the “ORIGINAL” bids. The bidder should submit **three (3) full, complete, and exact copies** of the original bid.

1.5 Questions and Answers

The CRDA will accept questions and inquiries pertaining to this bid from all potential bidders electronically. Questions shall be directed to the staff person identified in Section 1.3 above, at the following email address:

BID-QUESTIONS@NJCRDA.COM

The cut-off date for electronic questions will be as indicated on the cover page.

The subject line of all emailed questions should say “3100 Block - Bid Inquiry”.

Any requested exceptions to the Contract, appended as Exhibit J, shall be raised by the bidder as a question during the Question and Answers period through the same procedure set forth in this provision of the Solicitation. Any amendment to the Contract shall be determined by the CRDA, in its sole and absolute discretion, with such determination to be set forth in the Question and Answer addendum issued, if any, after the Question and Answer deadline. The CRDA reserves the right to reject any and all proposed amendments to the Contract.

Bidders are not to contact the CRDA directly, in person or by telephone, concerning this bid. All questions and answers will be posted on the CRDA website, as soon as practicable, after the question and answer deadline, by addenda posted on the CRDA website.

1.6 Addenda: Revisions to this Bid Solicitation

In the event that it becomes necessary to clarify or revise this Solicitation, such clarification or revision will be by addendum. Any addendum to this bid will become part of this bid and part of

any contract award as a result of this bid. ALL BID ADDENDA WILL BE POSTED ON THE CRDA'S WEB SITE.

It is the sole responsibility of the bidder to be knowledgeable of all addenda related to this bid. There are no designated dates for release of addenda. Therefore interested bidders should check the CRDA website on a daily basis from the time of bid issuance through bid opening.

1.7 Bidder Responsibility

The bidder assumes the sole responsibility for the complete effort required in submitting a bid in response to this Solicitation. No special consideration will be given after bids are opened because of a bidder's failure to be knowledgeable as to all of the requirements of this bid. The CRDA assumes no responsibility and bears no liability for cost incurred by a bidder in the preparation and submittal of a bid in response to this Solicitation.

The bidder will be required to be knowledgeable with respect to the construction industry, facades and existing conditions at the project location, and to take same into account when submitting its bid.

1.8 Pre-Bid Conference

A Pre-bid conference for discussion of the project in general will be held at the date and time indicated on the cover page, in the offices of the CRDA at 1014 Atlantic Avenue, Atlantic City, New Jersey. At that time the CRDA and Architect will provide prospective bidders with an overview of the project.

1.9 Site Visit

A site visit will be conducted on the date indicated on the cover page, immediately following the Pre-bid Conference. Bidders are urged to inspect the site where construction services are to be performed and to satisfy themselves regarding all general and local conditions that may affect the cost of contract performance, to the extent that the information is reasonably obtainable. In no event shall failure to inspect the site constitute grounds for a claim after contract award.

1.10 Bid Opening

On the date and time bid are due under this Solicitation, the names of the bidders submitting bids and the amount bid will be publicly announced. The bid opening will take place at the offices of the CRDA located at 1014 Atlantic Avenue, Atlantic City, New Jersey 08401.

1.11 Price Alterations

Bid prices must be typed or written in blue ink. Any price change (including "white-outs") must be initialed. Failure to initial price changes shall preclude a contract award from being made to the bidder.

1.12 Bid Errors

A bidder may withdraw its bid as follows:

A bidder may request that its bid be withdrawn prior to bid opening. Such request must be made, in writing, to the staff person identified in Section 1.3 above. If the request is granted, the bidder may submit a revised bid as long as the bid is received prior to the announced date and time for bid opening and at the place specified.

If, after bid opening but before contract award, a bidder discovers an error in its bid, the bidder may make written request to the staff person identified in Section 1.3 above for authorization to withdraw its proposal from consideration for award. Evidence of the bidder's good faith in making this request shall be used in making the determination. Some of the factors that may be considered are that the mistake is so significant that to enforce the contract resulting from the bid would be unconscionable; that the mistake relates to a material feature of the contract; that the mistake occurred notwithstanding the bidder's exercise of reasonable care; and that the CRDA will not be significantly prejudiced by granting the withdrawal of the bid.

All bid withdrawal requests must include the bid title and the final bid opening date and sent to the following address:

Casino Reinvestment Development Authority
1014 Atlantic Avenue
P.O. Box 749
Atlantic City, New Jersey 08401
Attn: Staff person identified in Section 1.3 above
BID WITHDRAWAL REQUEST

If during a bid evaluation process, an obvious pricing error made by a potential contract awardee is found, the CRDA shall issue written notice to the bidder. The bidder will have five (5) days after receipt of the notice to confirm its pricing. If the vendor fails to respond, its bid shall be considered withdrawn, and no further consideration shall be given it.

1.13 Joint Ventures

If a joint venture is submitting a bid, the agreement between the parties relating to such joint venture should be submitted with the joint venture's bid. Authorized signatories from each party comprising the joint venture must sign the bid. A separate Ownership Disclosure Form, Disclosure of Investigations and Actions Involving Bidder, Affirmative Action Employee Information Report, Disclosure of Political Contributions (c.51) and Business Registration or Interim Registration must be supplied for each party to a joint venture.

1.14 Contents of Bid - Open Public Records Act

Subsequent to bid opening, all information submitted by bidders in response to the bid solicitation is considered public information, except as may be exempted from public disclosure by the Open Public Records Act, N.J.S.A. 47:1A-1 et seq., and the common law.

A bidder may designate specific information as not subject to disclosure when the bidder has a good faith legal/factual basis for such assertion. The CRDA reserves the right to make the determination and will advise the bidder accordingly. The location in the bid of any such designation should be clearly stated in a cover letter. THE CRDA WILL NOT HONOR ANY ATTEMPT BY A BIDDER EITHER TO DESIGNATE ITS ENTIRE BID AS PROPRIETARY, CONFIDENTIAL AND/OR TO CLAIM COPYRIGHT PROTECTION FOR ITS ENTIRE BID.

1.15 Bid Bond

Any entity submitting a bid in response to this Solicitation must submit a guarantee payable to the Casino Reinvestment Development Authority so that if the contract is awarded to the bidder, the bidder will enter into a contract there for and will furnish any performance bond or other security required. The guarantee shall be in the amount of 10% of the bid amount, but not in excess of \$20,000. The guarantee can be submitted, at the option of the bidder, by certified check, cashier check or bid bond.

The Bid Bond must contain an Affidavit of Surety's Attorney-In-Fact (Power of Attorney). The Attorney-In-Fact must be an authorized agent of the surety to act for the surety and be authorized to bind the surety to pay the bid bond in a penal sum of 10% of the bid amount, not to exceed \$20,000.

Failure to provide a bid bond or a valid power of attorney, as specified, with the bid will result in rejection of the bid for noncompliance.

1.16 Payment and Performance Bond

The bidder shall submit with its bid a Consent of Surety or Surety Agreement, from a surety or sureties licensed to do business in the State of New Jersey and acceptable to CRDA, stating that it will provide an **unconditional bond in an amount equal to 100% of the contract price (bid amount)**. Failure to provide the Consent of Surety or Surety Agreement will result in rejection of the bid as non-responsive.

The Consent of Surety or Surety Agreement shall be obtained for a bond for the faithful performance of all provisions of the specifications relating to the performance of the contract. The surety corporation bonds shall be furnished by only those sureties listed in the US Treasury Department Circular 570 and authorized to do business in the State of New Jersey. The bonds shall be accompanied by a certification as to authorization of the attorney-in-fact to commit the surety company, a Surety Disclosure Statement and Certification in compliance with N.J.S.A. 2A:44-143d and a true and correct statement of the financial condition of said surety company.

Failure to provide a Consent of Surety or Surety Agreement, a Surety Disclosure Statement and Certification and a valid power of attorney, as specified, with the bid will result in rejection of the bid for noncompliance.

1.17 Standards for Surety Bond Companies

The following requirements must be met for surety companies:

- All surety companies must have the minimum capital and surplus or net cash assets required, pursuant to N.J.S.A. 17:17-6 or N.J.S.A. 17:17-7, whichever is applicable, at the time the invitation to bid is issued. A Financial Statement must be submitted.
- All surety companies must complete a Surety Disclosure Statement and Certification for all **payment and performance bonds**, regardless of project cost, pursuant to N.J.S.A. 2A:44-143d.
- All surety companies must be authorized to transact such business in New Jersey, pursuant to N.J.S.A. 17-17-10 or 17:32-1 et seq., as applicable.

THE DOCUMENTS REQUIRED TO BE SUBMITTED UNDER THIS PROVISION SHALL BE PLACED IN A SEPARATE SEALED ENVELOPE AND ATTACHED TO THE SEALED ENVELOPE CONTAINING THE BID SUBMISSION.

1.18 Minimum Requirements

All bidders must provide documentation with their bid evidencing the following minimum requirements:

- a. General construction experience involving projects equal to or greater than the amount bid.
- b. A minimum of ten (10) years general construction experience.
- c. Successful completion of at least three substantially similar construction projects for other private or public owners.

1.19 Balanced Bid

Each pay item should reflect the actual cost, which the bidder anticipates incurring for the performance of that particular item, together with a proportional share of the bidder's anticipated profit, overhead and costs to perform work for which no Pay Item is provided. In no event will the Project Owner consider any claim for additional compensation arising from the bid on an item or group of items, inaccurately reflecting a disproportionate share of the bidder's anticipated profit, overhead and other costs.

2.0 SCOPE OF WORK

See Architect's specifications and drawings, attached hereto and made a part of this Solicitation, by this reference.

3.0 PROPOSAL PREPARATION AND SUBMISSION

3.1 Contract Schedule

The CRDA requires that all construction work undertaken pursuant to a contract award as the result of this bid shall be completed within **90 calendar days** from the date of commencement of work as set forth in the Notice to Proceed.

Bidder must submit a progress schedule with its bid demonstrating its intent for meeting the deadline for project completion.

3.2 REQUIRED BID SUBMITTALS AND COMPLIANCE INFORMATION

A) Signatory page

The bidder shall complete and submit the signatory page attached as **Exhibit A**, which shall be signed by an authorized representative of the bidder, evidencing the bidder's concurrence with all of the terms and conditions of this bid. If the bidder is a limited partnership, the signatory page must be signed by a general partner. If the bidder is a joint venture, the signatory page must be signed by a principal of each party to the joint venture. Failure to comply will result in rejection of the bid.

B) Ownership Disclosure Form

In the event the bidder is a corporation, partnership or sole proprietorship, the bidder must complete the attached Ownership Disclosure Form. A current completed Ownership Disclosure Form must be received prior to or accompany the bid. Failure to do so will preclude the award of a contract. The Ownership Disclosure Form is attached as **Exhibit B**.

C) Disclosure of Investigations/Actions Involving Bidder

The bidder shall provide a detailed description of any investigation, litigation, including administrative complaints or other administrative proceedings, involving any public sector clients during the past five (5) years including the nature and status of the investigation, and, for any litigation, the caption of the action, a brief description of the action, the date of inception, current status, and, if applicable, disposition. The bidder shall use the Disclosure of Investigations and Actions Involving Bidder form attached as **Exhibit C**.

D) Business registration certificate from the Division of Revenue

The bidder may go to www.nj.gov/njbgs to register with the New Jersey Division of Revenue or to obtain a copy of an existing Business Registration Certificate. The bidder must be registered at the time of the bid submission and all subcontractors must be registered at the time work is commenced.

E) Public Works Contractor Registration Act Certificate

The bidder must submit a copy of the contractors Public Works Contractor Registration Act Certification pursuant to the Public Works Contractor Registration Act, P.L. 1999, c.238 (PWCRA).

F) Notice of Intent to Subcontract

The bidder shall complete the attached Notice of Intent to Subcontract Form (**Exhibit D**) to advise the CRDA as to whether or not a subcontractor will be utilized to provide any goods or services under the contract.

G) Subcontractor Utilization Form

If the bidder intends to utilize subcontractor(s), the Subcontractor Utilization Form (**Exhibit E**) must be completed and submitted with the bid. The bidder must identify all subcontractors that the bidder intends to utilize to perform work required under this contract.

H) Affirmative Action

Each contractor shall submit to the CRDA, after notification of award, one of the following:

- Appropriate evidence that the contractor is operating under an existing federally approved or sanctioned affirmative action program.
- A certificate of employee information report approval, issued in accordance with N.J.A.C. 17:27-4
- An employee information report (Form AA201), **Exhibit F**.

I) Requirements of N.J.S.A. 19:44A-20.13-25 (Formerly Executive Order 134)

The bidder is required to complete the attached Political Contributions Disclosure form. The requirement is a precondition to entering into a contract with the CRDA. The Political Contributions Disclosure form is attached as **Exhibit G**.

(i) Additional Disclosure Requirement of P.L. 2005, c. 271

Contractor is required to file an annual disclosure statement on political contributions with the New Jersey Election Law Enforcement Commission (ELEC), pursuant to P.L. 2005, c. 271, section 3 if the contractor receives contracts in excess of \$50,000 from a public entity in a calendar year. It is the contractor's responsibility to determine if filing is necessary. Failure to so file can result in imposition of financial penalties by ELEC. Additional information about this requirement is available from ELEC at 888-313-3532 or at www.elec.state.nj.us.

J) Insurance Certificates

The contractor shall provide the CRDA with documentation, including certificates and declaration pages, evidencing its current policies of insurance, and if the bidder is awarded hereunder, such policies of insurance shall name the CRDA as an “Additional Insured”.

K) Schedule of Estimated Quantities, Unit Prices, and Lump Sum Items

The bidder must submit its pricing using the format set forth in the CRDA supplied Schedule of Estimated Quantities, Unit Prices, and Lump Sum Items attached as **Exhibit H** to this Solicitation.

Failure to submit all information required in the Fee Schedule will result in the bid being considered non-responsive. Each bidder is required to hold its prices firm through issuance of contract.

L) Affidavit of Non-Collusion, Exhibit I.

The bidder must submit the affidavit attached as **Exhibit I** with its bid.

M) New Jersey Prevailing Wage Act, N.J.S.A. 34:11-56.25 et. seq.

The New Jersey Prevailing Wage Act requires the payment of minimum rates of pay to laborers, craftsman and apprentices employed on public works projects. Covered workers must receive the appropriate craft prevailing wage rate as determined by the Commissioner of Labor and Workforce Development. Prevailing wage rates are wage rates established for a particular craft or trade in the locality in which the public work is performed. In New Jersey, these rates vary by county and by the type of work performed.

THIS CONTRACT IS SUBJECT TO THE NEW JERSEY PREVAILING WAGE ACT. Anyone interested in bidding or engaging in any contract resulting from this bid must register with the Division of Wage and Hour Compliance as required by the PWCRA. The New Jersey Department of Labor and Workforce Development makes official wage determination and debarment list information available on its website at www.nj.gov/labor/lssc/lspubcon.html. By accessing this website official New Jersey Prevailing Wage Rate Determinations may be obtained.

N) Contract and Specification

The bidder shall review and execute the Contract and Specification attached hereto as Exhibit J. Exceptions taken, during the Question and Answer period, to the Contract may be considered as a factor in evaluating bids. The CRDA reserves all rights to reject any and all bids based upon exceptions taken to the Contract. Execution of the Contract is not

to be construed as entering into a contract with the CRDA but rather as a submission of an offer to contract with the CRDA.

6.0 EXHIBITS

Exhibit A	Signatory Page
Exhibit B	Ownership Disclosure Form
Exhibit C	Disclosure of Investigations/Actions Involving Bidder
Exhibit D	Notice of Intent to Subcontract
Exhibit E	Subcontractor Utilization Form
Exhibit F	Affirmative Action Forms
Exhibit G	Political Contributions Disclosure
Exhibit H	Schedule of Estimated Quantities, Unit Prices, and Lump Sum Items
Exhibit I	Affidavit of Non-Collusion
Exhibit J	Contract and Specification

**Exhibit A
CASINO REINVESTMENT DEVELOPMENT AUTHORITY
SIGNATORY PAGE**

SOLICITATION: Exterior Façade Renovation
3100 Block of the Atlantic City Boardwalk

FOR INFORMATION: CRDA
1014 Atlantic Avenue
P.O. Box 749
Atlantic City, New Jersey 08401
609-347-0500

Name, Address, Phone, Fax, Email and Contact person for Bidder:

SIGNATURE OF THE BIDDER'S AUTHORIZED REPRESENTATIVE ATTESTS THAT THE BIDDER HAS READ, UNDERSTANDS AND AGREES TO BE BOUND BY ALL OF THE TERMS AND CONDITIONS SET FORTH IN THE SOLICITATION, INCLUDING, WITHOUT LIMITATION, THE TERMS AND CONDITIONS OF THE ATTACHED AGREEMENT (AS AMENDED DURING THE QUESTIONS AND ANSWERS PERIOD) AND ANY ADDENDA ISSUED. BY SIGNING BELOW, BIDDER AGREES TO HOLD ITS BID FIRM FOR A PERIOD OF NO LESS THAN NINETY (90) DAYS FROM THE DATE OF BID OPENING OR TO CONTRACT AWARD, WHICHEVER COMES FIRST. IF THERE IS A BID PROTEST, BIDDER AGREES TO HOLD ITS PRICING FIRM THROUGH RESOLUTION OF THE BID PROTEST. FAILURE OF THE RESPONDENT TO HOLD PRICES FIRM OR TO MEET OTHER TERMS AND CONDITIONS DEFINED IN THE SOLICITATION MAY RESULT IN THE RESPONDENT BEING SUSPENDED OR DEBARRED FROM CONTRACTING WITH THE CRDA.

**Name and Title of Person
Authorized to sign bid:**

Signature

Date

Exhibit B
OWNERSHIP DISCLOSURE FORM

I. TYPE OR PRINT THE COMPLETE CORRECT NAME, ADDRESS & FEDERAL EIN OF THE BIDDER:

Name: _____ Fed ID # _____

Street Address: _____

City, State, Zip Code: _____

II. OWNERSHIP LIST. For every person or other entity which owns 10% or more of the Bidder named above, provide the name, address, office held with the Bidder (if any), and the percent of ownership of the Bidder(all stock classes). If such an owner is a corporation or partnership, also provide the same information for the holders of 10% or more interest in that corporation or partnership. If additional space is necessary, provide that information on an attached sheet. **If there is no owner with 10% or more interest in the Bidder, enter "None" below.**

NAME	ADDRESS	OFFICE(S) HELD	OWNERSHIP INTEREST (%)
------	---------	----------------	------------------------

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

III. OWNER ISSUES. Complete all questions below.

- | | | |
|---|-------|-------|
| | YES | NO |
| 1. Within the past five years has another company or corporation had a 10% or greater interest in the Bidder identified above? <i>(If yes, complete and attach a separate disclosure form reflecting previous ownership interests.)</i> | _____ | _____ |
| 2. Has any person or entity listed in this form or its attachments ever been arrested, charged, indicted or convicted in a criminal or disorderly persons matter by the State of New Jersey, any other state or the U.S. Government? <i>(If yes, attach a detailed explanation for each instance.)</i> | YES | NO |
| | _____ | _____ |
| 3. Has any person or entity listed in this form or its attachments ever been suspended, debarred or otherwise declared ineligible by any agency of government from bidding or contracting to provide services, labor, material or supplies? <i>(If yes, attach a detailed explanation for each instance.)</i> | YES | NO |
| | _____ | _____ |
| 4. Are there now any criminal matters or debarment proceedings pending in which the Bidder and/or its officers and/or managers are involved? <i>(If yes, attach a detailed explanation for each instance.)</i> | YES | NO |
| | _____ | _____ |
| 5. Has any federal, state or local license, permit or other similar authorization, necessary to perform the work applied for herein and held or applied for by any person or entity listed in this form, been suspended or revoked, or been the subject of any pending proceedings specifically seeking or litigating the issue of suspension or revocation? <i>(If yes to any part of this question, attach a detailed explanation for each instance.)</i> | YES | NO |
| | _____ | _____ |

IV. CERTIFICATION. I, being duly sworn upon my oath, hereby represent and state that the foregoing information and any attachments thereto to the best of my knowledge are true and complete. I acknowledge that the Casino Reinvestment Development Authority is relying on the information contained herein and thereby acknowledge that **I am under a continuing obligation from the date of this certification through the completion of any contracts with the Casino Reinvestment Authority to notify the Casino Reinvestment Development Authority, in writing, of any changes to the answers or information contained herein.** I acknowledge that I am aware that it is a criminal offense to make a false statement or misrepresentation in this certification, and if I do so, I recognize that I am subject to criminal prosecution under the law and that it will constitute a material breach of my agreement(s) with the Casino Reinvestment Development Authority and that the Casino Reinvestment Development Authority, at its option, may declare any contract(s) resulting from this certification void and unenforceable.

I, being duly authorized, certify that the information supplied above, including all attached pages, is complete and correct to the best of my knowledge. I certify that all of the foregoing statements made by me are true. I am aware that if any of the foregoing statements made by me are willfully false, I am subject to punishment.

Signature

Bidder Name

Print or Type Name

Title with Bidder

Date

Exhibit C
DISCLOSURE OF INVESTIGATIONS AND ACTIONS INVOLVING BIDDER

The bidder shall provide a detailed description of any investigation, litigation, including administrative complaints or other administrative proceedings, involving any public sector client during the past five (5) years including the nature and status of the investigation, and, for any litigation, the caption of the action, a brief description of the action, the date of inception, current status, and, if applicable, disposition.

Investigation(s)

Indicate "NONE" if no investigations were undertaken. Attach additional pages if necessary.

Person or Entity	Date of Inception	Brief Description	Disposition/Status (if applicable)	Bidder Contact Name and Telephone for additional information

Litigation/Administrative Complaints

Indicate "NONE" if no Litigation/Administrative Complaints. Attach additional pages if necessary.

Person or Entity	Date of Inception	Caption of the Action	Brief Description of the Action	Current Status or Disposition (if applicable)	Bidder Contact Name and Telephone for additional information

Exhibit D

CASINO REINVESTMENT DEVELOPMENT AUTHORITY (CRDA)

NOTICE OF INTENT TO SUBCONTRACT FORM

THIS FORM MUST BE COMPLETED AND INCLUDED AS PART OF EACH BIDDER'S BID. FAILURE TO SUBMIT THIS FORM MAY BE CAUSE FOR REJECTION OF THE BID AS NON-RESPONSIVE.

SOLICITATION TITLE: _____

BID OPENING DATE: _____

BIDDERS NAME AND ADDRESS:

INSTRUCTIONS: PLEASE CHECK ONE OF THE STATEMENTS BELOW

_____ If awarded this contract, I will engage subcontractors to provide certain goods and/or services.

ALL BIDDERS THAT INTEND TO ENGAGE SUBCONTRACTORS SHALL ALSO SUBMIT A SUBCONTRACTOR UTILIZATION PLAN FORM WITH THEIR PROPOSAL.

_____ If awarded this contract, I do not intend to engage subcontractors to provide any goods and/or services.

ALL BIDDERS THAT DO NOT INTEND TO ENGAGE SUBCONTRACTORS CERTIFY AS FOLLOWS: I hereby certify that if the award is granted to my firm and if I determine at any time during the course of the contract to engage subcontractors to provide certain goods and/or services, I will submit the Subcontractor Utilization Plan to the CRDA for approval, in advance of any such engagement.

Authorized Signatory for Bidder

Title

Date

Exhibit E

**CASINO REINVESTMENT DEVELOPMENT AUTHORITY (CRDA)
SUBCONTRACTOR UTILIZATION FORM**

INSTRUCTIONS

Any bidder intending to subcontract any parts of a contract with the CRDA must complete a **Notice of Intent to Subcontract** and a **Subcontractor Utilization Plan**. Bidders are instructed to list **all** proposed subcontractors on the Plan. Any bidder intending to subcontract that does not complete a Notice of Intent to Subcontract and a Subcontractor Utilization Plan may be subject to rejection of its proposal as non-responsive.

IF BIDDER INTENDS TO UTILIZE SUBCONTRACTORS, FAILURE TO COMPLETE AND SUBMIT THIS FORM WITH BID MAY RESULT IN REJECTION OF THE PROPOSAL AS NON-RESPONSIVE.

SOLICITATION TITLE: _____

BID OPENING DATE: _____

BIDDER NAME & ADDRESS:

BIDDER CONTACT PERSON & PHONE:

Instructions: List all businesses to be used as subcontractors. Attach copies for extended lists.

Subcontractor's Name, Address, Telephone and Vendor ID Number	Type(s) of Goods or Services to be Provided	Estimated Value of Subcontract(s)	Hourly rates for subcontract(s)

I hereby certify that this Subcontractor Utilization Plan is being submitted in good faith. I certify that each subcontractor has been notified that it has been listed on this Plan and that each subcontractor has consented, in writing, to its name being submitted for this contract. Additionally, I certify that I shall notify each subcontractor listed on this Plan, in writing, if the award is granted to my firm, and shall make all documentation available to the CRDA upon request.

I further certify that all information contained in this Plan is true and correct and I acknowledge that the CRDA will rely on the truth of the information in awarding the contract.

Authorized signatory for Bidder

Title

Date

Exhibit F
AFFIRMATIVE ACTION AND EQUAL OPPORTUNITY SUPPLEMENT

Mandatory Equal Employment Opportunity Language
N.J.S.A. 10:5-31 et seq. N.J.A.C. 17:27

CONSTRUCTION CONTRACTS

During the performance of this contract, the contractor agrees as follows:

The contractor or subcontractor, where applicable, will not discriminate against any employee or applicant for employment because of age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex. Except with respect to affectional or sexual orientation and gender identity or expression, the contractor will ensure that equal employment opportunity is afforded to such applicants in recruitment and employment, and that employees are treated during employment, without regard to their age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex. Such equal employment opportunity shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the Public Agency Compliance Officer setting forth provisions of this nondiscrimination clause.

The contractor or subcontractor, where applicable will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex.

The contractor or subcontractor, where applicable, will send to each labor union or representative of workers with which it has a collective bargaining agreement or other contract or understanding, a notice, to be provided by the agency contracting officer advising the labor union or workers' representative of the contractor's commitments under this act and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

The contractor or subcontractor where applicable, agrees to comply with any regulations promulgated by the Treasurer pursuant to **N.J.S.A. 10:5-31 et seq.**, as amended and supplemented from time to time and the Americans with Disabilities Act .

When hiring or scheduling workers in each construction trade, the contractor or subcontractor agrees to make good faith efforts to employ minority and women workers in each construction trade consistent with the targeted employment goal prescribed by **N.J.A.C. 17:27-7.2**; provided, however, that the Division may, in its discretion, exempt a contractor or subcontractor from compliance with the good faith procedures prescribed by the following provisions, A, B and C,

as long as the Division is satisfied that the contractor or subcontractor is employing workers provided by a union which provides evidence, in accordance with standards prescribed by the Division, that its percentage of active “card carrying” members who are minority and women workers is equal to or greater than the targeted employment goal established in accordance with **N.J.A.C. 17:27-7.2**.

The contractor or subcontractor agrees that a good faith effort shall include compliance with the following procedures:

(A) If the contractor or subcontractor has a referral agreement or arrangement with a union for a construction trade, the contractor or subcontractor shall, within three business days of the contract award, seek assurances from the union that it will cooperate with the contractor or subcontractor as it fulfills its affirmative action obligations under this contract and in accordance with the rules promulgated by the Treasurer pursuant to N.J.S.A. 10:5-31 et. seq., as supplemented and amended from time to time and the Americans with Disabilities Act. If the contractor or subcontractor is unable to obtain said assurances from the construction trade union at least five business days prior to the commencement of construction work, the contractor or subcontractor agrees to afford equal employment opportunities to minority and women workers directly, consistent with this chapter. If the contractor's or subcontractor's prior experience with a construction trade union, regardless of whether the union has provided said assurances, indicates a significant possibility that the trade union will not refer sufficient minority and women workers consistent with affording equal employment opportunities as specified in this chapter, the contractor or subcontractor agrees to be prepared to provide such opportunities to minority and women workers directly, consistent with this chapter, by complying with the procedures prescribed under (B) below; and the contractor or subcontractor further agrees to take said action immediately if it determines or is so notified by the Division that the union is not referring minority and women workers consistent with the equal employment opportunity goals set forth in this chapter.

(B) If good faith efforts to meet targeted employment goals have not or cannot be met for each construction trade by adhering to the procedures of (A) above, or if the contractor does not have a referral agreement or arrangement with a union for a construction trade, the contractor or subcontractor agrees to take the following actions:

(1). To notify the public agency compliance officer, the Division, and minority and women referral organizations listed by the Division pursuant to N.J.A.C. 17:27-5.3, of its workforce needs, and request referral of minority and women workers;

(2). To notify any minority and women workers who have been listed with it as awaiting available vacancies;

(3). Prior to commencement of work, to request that the local construction trade union refer minority and women workers to fill job openings, provided the contractor or subcontractor has a referral agreement or arrangement with a union for the construction trade;

(4). To leave standing requests for additional referral to minority and women workers with the local construction trade union, provided the contractor or subcontractor has a referral agreement or arrangement with a union for the construction trade, the State Training and Employment Service and other approved referral sources in the area;

(5). If it is necessary to lay off some of the workers in a given trade on the construction site, layoffs shall be conducted in compliance with the equal employment opportunity and non-discrimination standards set forth in this regulation, as well as with applicable Federal and State court decisions;

(6). To adhere to the following procedure when minority and women workers apply or are referred to the contractor or subcontractor:

(i) If said individuals have never previously received any document or certification signifying a level of qualification lower than that required in order to perform the work of the construction trade, the contractor or subcontractor shall in good faith determine the qualifications of such individuals. The contractor or subcontractor shall hire or schedule those individuals who satisfy appropriate qualification standards in conformity with the equal employment opportunity and non-discrimination principles set forth in this chapter. However, a contractor or subcontractor shall determine that the individual at least possesses the requisite skills, and experience recognized by a union, apprentice program or a referral agency, provided the referral agency is acceptable to the Division. If necessary, the contractor or subcontractor shall hire or schedule minority and women workers who qualify as trainees pursuant to these rules. All of the requirements, however, are limited by the provisions of (C) below.

(ii). The name of any interested women or minority individual shall be maintained on a waiting list, and shall be considered for employment as described in paragraph (i) above, whenever vacancies occur. At the request of the Division, the contractor or subcontractor shall provide evidence of its good faith efforts to employ women and minorities from the list to fill vacancies.

(iii). If, for any reason, said contractor or subcontractor determines that a minority individual or a woman is not qualified or if the individual qualifies as an advanced trainee or apprentice, the contractor or subcontractor shall inform the individual in writing of the reasons for the determination, maintain a copy of the determination in its files, and send a copy to the public agency compliance officer and to the Division.

(7). To keep a complete and accurate record of all requests made for the referral of workers in any trade covered by the contract, on forms made available by the Division and submitted promptly to the Division upon request.

(C). The contractor or subcontractor agrees that nothing contained in (B) above shall preclude the contractor or subcontractor from complying with the union hiring hall or apprenticeship policies in any applicable collective bargaining agreement or union hiring hall arrangement, and, where required by custom or agreement, it shall send journeymen and trainees to the union for referral, or to the apprenticeship program for admission, pursuant to such agreement or

arrangement. However, where the practices of a union or apprenticeship program will result in the exclusion of minorities and women or the failure to refer minorities and women consistent with the targeted county employment goal, the contractor or subcontractor shall consider for employment persons referred pursuant to (B) above without regard to such agreement or arrangement; provided further,

however, that the contractor or subcontractor shall not be required to employ women and minority advanced trainees and trainees in numbers which result in the employment of advanced trainees and trainees as a percentage of the total workforce for the construction trade, which percentage significantly exceeds the apprentice to journey worker ratio specified in the applicable collective bargaining agreement, or in the absence of a collective bargaining agreement, exceeds the ratio established by practice in the area for said construction trade. Also, the contractor or subcontractor agrees that, in implementing the procedures of (B) above it shall, where applicable, employ minority and women workers residing within the geographical jurisdiction of the union.

After notification of award, but prior to signing a construction contract, the contractor shall submit to the public agency compliance officer and the Division an initial project workforce report (Form AA 201) provided to the public agency by the Division for distribution to and completion by the contractor, in accordance with N.J.A.C. 17:27-7. The contractor also agrees to submit a copy of the Monthly Project Workforce Report once a month thereafter for the duration of this contract to the Division and to the public agency compliance officer.

The contractor agrees to cooperate with the public agency in the payment of budgeted funds, as is necessary, for on-the-job and/or off-the-job programs for outreach and training of minorities and women.

(D). The contractor and its subcontractors shall furnish such reports or other documents to the Division of Public Contracts Equal Employment Opportunity Compliance as may be requested by the Division from time to time in order to carry out the purposes of these regulations, and public agencies shall furnish such information as may be requested by the Division of Public Contracts Equal Employment Opportunity Compliance for conducting a compliance investigation pursuant to **Subchapter 10 of the Administrative Code at N.J.A.C. 17:27.**

PLEASE CHECK THE APPROPRIATE BOX:

- I HAVE A CURRENT NJ AFFIRMATIVE ACTION CERTIFICATE (PLEASE ATTACH A COPY TO YOUR BID)**
- I HAVE A VALID FEDERAL AFFIRMATIVE ACTION PLAN APPROVAL LETTER (PLEASE ATTACH A COPY TO YOUR BID)**
- I HAVE COMPLETED AND ENCLOSED THE FORM AA201 INITIAL PROJECT WORKFORCE REPORT**

**INSTRUCTIONS FOR COMPLETING THE INITIAL PROJECT
WORKFORCE REPORT – CONSTRUCTION (AA201)**

DO NOT COMPLETE THIS FORM FOR GOODS AND/OR SERVICE CONTRACTS

- 1. Enter the Federal Identification Number assigned to the contractor by the Internal Revenue Service, or if a Federal Employer Identification Number has been applied for but not yet issued, or if your business is such that you have not or will not receive a Federal Identification Number, enter the social security number assigned to the single owner or one partner, in the case of a partnership.**
- 2. Note: The Division of CC/EEO will assign a contractor ID number to your company. This number will be your permanently assigned contractor ID number that must be on all correspondence and reports submitted to this office.**
- 3. Enter the prime contractor’s name, address and zip code number.**
- 4. Check box if Company is Minority Owned or Woman Owned**
- 5. Enter the complete name and address of the Public Agency awarding the contract. Include the contract number, date of award and dollar amount of the contract.**
- 6. Enter the name and address of the project, including the county in which the project is located.**
- 7. Note: A project contract ID number will be assigned to your firm upon receipt of the completed Initial Project Workforce Report (AA201) for this contract. This number must be indicated on all correspondence and reports submitted to this office relating to this contract.**
- 8. Check “Yes” or “No” to indicate whether a Project Labor Agreement (PLA) was established with the labor organization(s) for this project.**
- 9. Under the Projected Total Number of Employees in each trade or craft and at each level of classification, enter the total composite workforce of the prime contractor and all subcontractors projected to work on the project. Under Projected Employees enter total minority and female employees of the prime contractor and all subcontractors projected to work on the project. Minority employees include Black, Hispanic, American Indian and Asian, (J=Journeyworker, AP=Apprentice). Include projected phase-in and completion dates.**
- 10. Print or type the name of the company official or authorized Equal Employment Opportunity (EEO) official include signature and title, phone number and date the report is submitted.**

This report must be submitted to the Public Agency that awards the contract and the Division of Contract Compliance and Equal Employment Opportunity in Public Contracts no later than three (3) days after the contractor signs the contract.

THE CONTRACTOR IS TO RETAIN THE FOURTH AND FINAL COPY MARKED "CONTRACTOR", SUBMIT THE THIRD COPY MARKED "PUBLIC AGENCY" TO THE PUBLIC AGENCY AWARDING THE CONTRACT AND FORWARD THE REMAINING TWO (2) COPIES TO:

**NEW JERSEY DEPARTMENT OF THE TREASURY
DIVISION OF CONTRACT COMPLIANCE & EQUAL EMPLOYMENT OPPORTUNITY IN
PUBLIC CONTRACTS
P.O. BOX 209
TRENTON, NJ 08625-0209
(609) 292-9550**

Exhibit G

Public Law 2005, Chapter 51 (formerly Executive Order 134) and Executive Order 117 (2008)

INFORMATION AND INSTRUCTIONS

For Completing The “Two- Year Vendor Certification and Disclosure of Political Contributions” Forms

Background Information

On September 22, 2004, then-Governor James E. McGreevey issued Executive Order 134, the purpose of which was to insulate the negotiation and award of State contracts from political contributions that posed a risk of improper influence, purchase of access or the appearance thereof. To this end, Executive Order 134 prohibited State departments, agencies and authorities from entering into contracts exceeding \$17,500 with individuals or entities that made certain political contributions. Executive Order 134 was superseded by Public Law 2005, c. 51, signed into law on March 22, 2005 (“Chapter 51”).

On September 24, 2008, Governor Jon S. Corzine issued Executive Order No. 117 (“E.O. 117”), which is designed to enhance New Jersey’s efforts to protect the integrity of procurement decisions and increase the public’s confidence in government. The Executive Order builds upon the provisions of Chapter 51.

Two-Year Certification Process

Upon approval by the State, the Certification and Disclosure of Political Contributions form (CH51.1R1/21/2009) is valid for a two (2) year period. Thus, if a vendor receives approval on Jan 1, 2009, the certification expiration date would be Dec 31, 2011. Any change in the vendor’s ownership status and/or political contributions during the two-year period will require the submission of new Chapter 51/EO117 forms to the State Review Unit. **Please note that it is the vendor’s responsibility to file new forms with the State should these changes occur.**

Prior to the awarding of a contract, the agency should first send an e-mail to CD134@treas.state.nj.us to verify the certification status of the vendor. If the response is that the vendor is NOT within an approved two-year period, then forms must be obtained from the vendor and forwarded for review. If the response is that the vendor is within an approved two-year period, then the response so stating should be placed with the bid/contract documentation for the subject project.

Instructions for Completing the Forms

NOTE: Please refer to the next section, “Useful Definitions for Purposes of Ch. 51 and E.O. 117,” for guidance when completing the forms.

Part 1: VENDOR INFORMATION

Business Name – Enter the full name of the Vendor, including trade name if applicable.

Business Type -- Select the vendor’s business organization from the list provided.

Address, City, State, Zip and Phone Number -- Enter the vendor’s street address, city, state, zip code and telephone number.

Vendor Email – Enter the vendor’s primary email address.

Vendor FEIN – Please enter the vendor’s Federal Employment Identification Number.

INFORMATION AND INSTRUCTIONS
For Completing The “Two- Year Vendor Certification and Disclosure of Political Contributions” Forms

Part 2: PUBLIC LAW 2005, Chapter 51 / EXECUTIVE ORDER 117 (2008) DUAL CERTIFICATION

Read the following statements and verify that from the period beginning on or after October 15, 2004, no contributions as set forth at subsections 1(a)-(c) have been made by either the vendor or any individual whose contributions are attributable to the vendor pursuant to Executive Order 117 (2008).

NOTE: Contributions made prior to November 15, 2008 are applicable to Chapter 51 only.

Part 3: DISCLOSURE OF CONTRIBUTIONS MADE

Check the box at top of page 2 if no reportable contributions have been made by the vendor. If the vendor has no contributions to report, this box must be checked.

Name of Recipient Entity – Enter the full name of the recipient entity.

Address of Recipient Entity – Enter the recipient entity’s street address.

Date of Contribution – Indicate the date of the contribution.

Amount of Contribution – Enter the amount of the reportable contribution.

Type of Contribution – Select the type of contribution from the list provided.

Contributor Name – Enter the full name of the contributor.

Relationship of Contributor to the Vendor -- Indicate relationship of the contributor to the vendor, e.g. officer or partner of the company, spouse of officer or partner, resident child of officer or partner, parent company of the vendor, subsidiary of the vendor, etc.

NOTE: If form is being completed electronically, click “Add a Contribution” to enter additional contributions. Otherwise, please attach additional pages as necessary.

Part 4: CERTIFICATION

Check box A if the person completing the certification and disclosure is doing so on behalf of the vendor and all individuals and/or entities whose contributions are attributable to the vendor.

Check box B if the person completing the certification and disclosure is doing so on behalf of the vendor only.

Check box C if the person completing the certification and disclosure is doing so on behalf of an individual and/or entity whose contributions are attributable to the vendor.

Enter the full name of the person authorized to complete the certification and disclosure, the person’s title or position, date and telephone number.

INFORMATION AND INSTRUCTIONS
For Completing The “Two- Year Vendor Certification and Disclosure of Political Contributions” Forms

USEFUL DEFINITIONS FOR THE PURPOSES OF Ch. 51 and E.O. 117

- **“Vendor”** means the contracting entity.

- **“Business Entity”** means any natural or legal person, business corporation, professional services corporation, limited liability company, partnership, limited partnership, business trust, association or any other legal commercial entity organized under the laws of New Jersey or any other state or foreign jurisdiction. The definition also includes (i) if a business entity is a for-profit corporation, any officer of the corporation and any other person or business entity that owns or controls 10% or more of the stock of the corporation; (ii) if a business entity is a professional corporation, any shareholder or officer; (iii) if a business entity is a general partnership, limited partnership or limited liability partnership, any partner; (iv) if a business entity is a sole proprietorship, the proprietor; (v) if the business entity is any other form of entity organized under the laws of New Jersey or any other state or foreign jurisdiction, any principal, officer or partner thereof; (vi) any subsidiaries directly or indirectly controlled by the business entity; (vii) any political organization organized under 26 U.S.C.A. § 527 that is directly or indirectly controlled by the business entity, other than a candidate committee, election fund, or political party committee; and (viii) with respect to an individual who is included within the definition of “business entity,” that individual’s spouse or civil union partner and any child residing with that person.¹

- **“Officer”** means a president, vice-president with senior management responsibility, secretary, treasurer, chief executive officer, or chief financial officer of a corporation or any person routinely performing such functions for a corporation. Please note that officers of non-profit entities are excluded from this definition.

- **“Partner”** means one of two or more natural persons or other entities, including a corporation, who or which are joint owners of and carry on a business for profit, and which business is organized under the laws of this State or any other state or foreign jurisdiction, as a general partnership, limited partnership, limited liability partnership, limited liability company, limited partnership association, or other such form of business organization.

- **“Reportable Contributions”** are those contributions, including in-kind contributions, in excess of \$300.00 in the aggregate per election made to or received by a candidate committee, joint candidates committee, or political committee; or per calendar year made to or received by a political party committee, legislative leadership committee, or continuing political committee.

- **“In-kind Contribution”** means a contribution of goods or services received by a candidate committee, joint candidates committee, political committee, continuing political committee, political party committee, or legislative leadership committee, which contribution is paid for by a person or entity other than the recipient committee, but does not include services provided without compensation by an individual volunteering a part of or all of his or her time on behalf of a candidate or committee.

- **“Continuing Political Committee”** includes any group of two or more persons acting jointly, or any corporation, partnership, or any other incorporated or unincorporated association, including a political club, political action committee, civic association or other organization, which in any calendar year contributes or expects to contribute at least \$4,300 to aid or promote the candidacy of an individual, or the candidacies of individuals, for elective public office, or the passage or defeat of a public questions, and which may be expected to make contributions toward such aid or promotion or passage or defeat during a subsequent election, provided that the group, corporation, partnership, association or other organization has been determined by the Commission to be a continuing political committee in accordance with N.J.S.A. 19:44A-8(b).

¹ Contributions made by a spouse, civil union partner or resident child to a candidate for whom the contributor is eligible to vote or to a political party committee within whose jurisdiction the contributor resides are permitted.

INFORMATION AND INSTRUCTIONS
For Completing The “Two- Year Vendor Certification and Disclosure of Political Contributions” Forms

- **“Candidate Committee”** means a committee established by a candidate pursuant to N.J.S.A. 19:44A-9(a), for the purpose of receiving contributions and making expenditures.
- **“State Political Party Committee”** means a committee organized pursuant to N.J.S.A. 19:5-4.
- **“County Political Party Committee”** means a committee organized pursuant to N.J.S.A. 19:5-3.
- **“Municipal Political Party Committee”** means a committee organized pursuant to N.J.S.A. 19:5-2.
- **“Legislative Leadership Committee”** means a committee established, authorized to be established, or designated by the President of the Senate, the Minority Leader of the Senate, the Speaker of the General Assembly, or the Minority Leader of the General Assembly pursuant to N.J.S.A. 19:44A-10.1 for the purpose of receiving contributions and making expenditures.
- **“Political Party Committee”** means:
 1. The State committee of a political party, as organized pursuant to N.J.S.A. 19:5-4;
 2. Any county committee of a political party, as organized pursuant to N.J.S.A. 19:5-3; or
 3. Any municipal committee of a political party, as organized pursuant to N.J.S.A. 19:5-2.

Agency Submission of Forms

The agency should submit the completed and signed Two-Year Vendor Certification and Disclosure forms, together with a completed Ownership Disclosure form, either electronically to cd134@treas.state.nj.us or regular mail at Chapter 51 Review Unit, P.O. Box 039, 33 West State Street, 9th Floor, Trenton, NJ 08625. Original forms should remain with the Agency and copies should be sent to the Chapter 51 Review Unit.

Questions & Answers

Questions regarding the interpretation or application of Public Law 2005, Chapter 51 (N.J.S.A. 19:44A-20.13) or Executive Order 117 (2008) may be submitted electronically through the Division of Purchase and Property website at <http://www.state.nj.us/treasury/purchase/execorder134.htm>. Responses to previous questions are posted on the website, as well as additional reference materials and forms.

<http://www.state.nj.us/treasury/purchase/execorder134.htm#state>. **NOTE:** *The Chapter 51 Q&A on the website DOES NOT address the expanded pay-to-play requirements imposed by Executive Order 117. The Chapter 51 Q&A are only applicable to contributions made prior to November 15, 2008. There is a separate, combined Chapter 51/E.O. 117 Q&A section dealing specifically with issues pertaining to contributions made after November 15, 2008, available at <http://www.state.nj.us/treasury/purchase/execorder134.htm#state>.*

Exhibit H
Schedule of Estimated Quantities, Unit Prices, and Lump Sum Items

Item	Description	Unit	No. Units	Cost/Unit	Amount
1	Performance and payment bonds	L.S.	1		
2	General Construction	L.S.	1		
3	Demolition/disposal of existing awnings	L.S.	1		
4	12 canopy awnings (various sizes)	L.S.	1		
5	12 sandblasted panel signs	L.S.	1		
6	12 imprinted canopy logos	L.S.	1		
7	Electric (lights 2 per awning/controls- material & labor)	L.S.	1		
8	Supervision	L.S.	1		
9	Permits	L.S.	1		
10	Insurance	L.S.	1		
L.S. designates Lump Sum L.F. designates Linear Foot					

TOTAL LUMP SUM CONTRACT PRICE (Numerically) \$ _____

TOTAL LUMP SUM CONTRACT (IN WORDS): _____

 _____ **Dollars**

****THIS PROJECT IS NOT TAX EXEMPT FOR SALES & USE TAX PURPOSES****

Bidder Name: _____

Date: _____

By (print): _____

Signature: _____

Title: _____

EXHIBIT I
Non-Collusion Affidavit

STATE OF _____)

: SS:

COUNTY OF _____)

I, _____,

of the City of _____,

in the County of _____,

and the State of _____,

of full age, being duly sworn according to law on my oath depose and say that:

I am (Title) _____

of (Bidder's name), _____,

making a bid in response to the Casino Reinvestment Development Authority's Solicitation of bids for General Construction, Exterior Façade Renovation, 3100 Block of the Boardwalk, and that I executed the said bid with full authority so to do; that the said Bidder has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action, in restraint of free competition, in connection with said bid; and that all statements contained in the said bid and in this Affidavit are true and correct, and made with full knowledge that the Casino Reinvestment Development Authority relies upon the truth of the statements contained in the said bid, in this Affidavit and in any statements requested by the Casino Reinvestment Development Authority showing evidence of qualifications in awarding a contract based upon said bid.

I further warrant that no person or selling agency has been employed or retained to solicit or secure said bid upon an agreement or understanding for a commission, percentage, brokerage or contingent fee, except bona fide employees or bona fide established commercial or selling agencies maintained by the Bidder.

Authorized Signature

SWORN and SUBSCRIBED to me this
_____ day of _____, 2011.

NOTARY PUBLIC

COMMISSION EXPIRES

Exhibit “J”

**CONTRACT AND SPECIFICATIONS FOR GENERAL
CONSTRUCTION**

FOR THE

**EXTERIOR FAÇADE RENOVATION
3100 BLOCK OF THE BOARDWALK**

**CITY OF ATLANTIC CITY
ATLANTIC COUNTY, NEW JERSEY**

PROJECT OWNER:

**CASINO REINVESTMENT DEVELOPMENT AUTHORITY
1014 ATLANTIC AVENUE
ATLANTIC CITY, NEW JERSEY 08401**

PROJECT ARCHITECT:

**CRAIG F. DOTHE ARCHITECT LLC
33 N. BRIGHTON AVENUE
ATLANTIC CITY, NJ 08401**

NOVEMBER 2011

00500 Agreement

[INSERT FULL CONTRACTOR NAME AND ADDRESS BELOW:]

(hereinafter referred to as the “Contractor”)

THIS AGREEMENT (the “Contract”) is made as of the __ day of _____, 2011 by and between the Casino Reinvestment Development Authority a public body established in, but not of, the Department of Treasury of the State of New Jersey, and existing under the laws of the State of New Jersey, including P.L. 1984, c. 218, as amended and supplemented from time to time, whose mailing address is 1014 Atlantic Avenue, Atlantic City, NJ 08401 (referred to hereinafter as the “Owner”) and the Contractor identified above.

Recitals

A. Pursuant to a solicitation of bids issued October of 2011 (the “Solicitation”) and the Contractor’s response thereto dated _____, 2011 (the “Bid”), the CRDA has selected the Contractor to provide construction services, as more fully described in this Contract.

B. Pursuant to Resolution 11-__ adopted _____, 2011, the CRDA desires to engage and the Contractor desires to accept the engagement to perform the Work (as hereinafter defined).

IN CONSIDERATION of the foregoing recitals, the mutual promises and agreements set forth herein, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree as follows:

1. All capitalized terms not otherwise defined, shall have the meaning ascribed to them in Section 00700.2 herein.
2. The Contractor will commence and complete the Project, and all other necessary and desirable work as approved in accordance with the terms and conditions of the Contract Documents.
3. The Contractor will furnish all of the material, supplies, tools, equipment, labor and other services necessary and desirable for the completion of the Project.
4. The Contractor will commence the work required by the Contract Documents within thirty (30) calendar days after the date of the Notice to Proceed and will substantially complete the same within 90 calendar days of the date of the Notice to Proceed.
5. The Contractor agrees to perform all of the Work described in the Contract Documents and comply with the terms and conditions herein and therein for the Total Contract Price.
6. The term “Contract Documents” means and includes the following:
 - a. Contract

- b. General Conditions
- c. Payment Bond
- d. Performance Bond
- e. Payment Application (as set forth in Attachment “A”)
- f. Notice to Proceed (as set forth in Attachment “B”)
- g. Change Orders (as set forth in Attachment “C”)
- h. Construction Change Directive
- i. Progress Schedule (as amended)
- j. Supplementary Agreements
- k. Drawings prepared by the Architect
- l. Specifications prepared by the Architect
- m. Written Addenda or Amendments as executed by the Owner and Contractor
- n. Any other written instructions or interpretations by the Architect or Owner
- o. Owner’s Bid Documents
- p. Contractor’s bid dated _____, except for any provisions inconsistent with the Contract Documents, unless such inconsistency is accepted or waived, in writing, by the Owner.

- 7. In the event of a conflict between the Division 1 and Division 2 terms and conditions set forth in this contract and the Division 1 and Division 2 terms and conditions set forth on the Architectural drawings, the Division 1 and Division 2 terms and conditions set forth in this contract shall prevail.
- 8. The Owner will pay to the Contractor in the manner and at such times as set forth in the General Conditions such amounts as required by the Contract Documents.
- 9. This Contract shall be binding upon all parties hereto and their respective successors and permitted assigns.

IN WITNESS WHEREOF, the parties hereto have executed, or caused to be executed by their duly authorized representatives, this Contract in four (4) copies each, any of which shall be deemed an original, on the date first above written.

[SIGNATURES APPEAR ON NEXT PAGE]

Witness:

**CASINO REINVESTMENT DEVELOPMENT
AUTHORITY**

By: _____

By: _____

Name: _____

Name: John F. Palmieri

Title: _____

Title: Executive Director

Approved as to form by the CRDA Law Department

[CONTRACTOR MUST FILL IN AND SIGN BELOW:]

Witness:

By: _____

By: _____

Name: _____

Name: _____

Title: _____

Title: _____

ACKNOWLEDGEMENT AS TO CONTRACTOR

STATE OF _____:

COUNTY OF _____:

The foregoing instrument was acknowledged before me this _____ day of _____, 2011, by _____, as the _____ of _____, a _____ company, organized under the laws of _____, who I am satisfied, is the person who, as such authorized person, signed, sealed and delivered the within instrument made by said company, and he did acknowledge that he/she, as such authorized person, signed and delivered the same on behalf of said company for the uses and purposes therein set forth, and that said instrument is the voluntary act and deed of said company duly authorized by a proper resolution of its governing body.

Name:

Notary Public of _____

(NOTARY SEAL)

My Commission Expires:

ACKNOWLEDGMENT AS TO CRDA

STATE OF NEW JERSEY:
COUNTY OF ATLANTIC:

On this ___ day of _____, 2011, in the County and State aforesaid, before me, the subscriber, a Notary Public authorized to take acknowledgments and proofs in said County and State, personally appeared **John F. Palmieri**, the Executive Director of the **CASINO REINVESTMENT DEVELOPMENT AUTHORITY**, a public body established in, but not of, the Department of the Treasury of the State of New Jersey, who I am satisfied, in the person who, a such officer of said public body, signed, sealed and delivered the within instrument made by said public body, and he did acknowledge that he, as such officer, signed and delivered the same on behalf of said public body for the uses and purposes therein set forth, and that said instrument is the voluntary act and deed of said public body duly authorized by a proper resolution of its Members.

Name:
Notary Public
My Commission Expires:

(NOTARY SEAL)

Attachment "A" Application for Payment

NO. _____

To: _____ (OWNER)
From: _____ (CONTRACTOR)
Contract: _____
Project: _____
Contract No. _____.

For Work accomplished through the date of: _____.

- | | | |
|----|--|----------|
| 1. | Original Contract Price: | \$ _____ |
| 2. | Net change by Change Orders and Written Amendments (+ or -): | \$ _____ |
| 3. | Current Contract Price (1 plus 2): | \$ _____ |
| 4. | Total completed and stored to date (See Invoice Summary): | \$ _____ |
| 5. | Retainage (per Contract): | |
| | _____ % of completed Work: | \$ _____ |
| | _____ % of stored material: | \$ _____ |
| | Total Retainage: | \$ _____ |
| 6. | Total completed and stored to date less retainage (4 minus 5): | \$ _____ |
| 7. | Less previous Application for Payments: | \$ _____ |
| 8. | DUE THIS APPLICATION (6 MINUS 7): | \$ _____ |

CONTRACTOR'S CERTIFICATION:

THE UNDERSIGNED CONTRACTOR CERTIFIES THAT (1) ALL PREVIOUS PROGRESS PAYMENTS RECEIVED FROM OWNER ON ACCOUNT OF WORK DONE UNDER THE CONTRACT REFERRED TO ABOVE HAVE BEEN APPLIED ON ACCOUNT TO DISCHARGE CONTRACTOR'S LEGITIMATE OBLIGATIONS INCURRED IN CONNECTION WITH WORK COVERED BY PRIOR APPLICATIONS FOR PAYMENT NUMBERED 1 THROUGH _____ INCLUSIVE; AND (2) ALL WORK COVERED BY THIS APPLICATION FOR PAYMENT IS IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND NOT DEFECTIVE.

Accompanying this Application for Payment is the duly executed Contractor's Partial Release and Waiver of Liens, the duly executed Partial Release and Waiver of Liens of each of the Contractor's subcontractors and/or suppliers, and all documentation of measurement of unit price Pay Items as required by the Contract Documents and the Engineer.

Dated _____ By: _____ Contractor

State of _____
County of _____
Subscribed and sworn to before me this _____
day of _____, 2011

Notary Public

My Commission expires: _____

Attachment "B" Notice to Proceed

Dated: _____

TO: _____
(Contractor)

ADDRESS: _____

Contract: DATED AS OF _____

Project: **EXTERIOR FACADE RENOVATION, 3100 BLOCK OF THE BOARDWALK, ATLANTIC CITY, NJ**

You are notified that the Contract Time under the above contract will commence to run on this date. You are now authorized to enter upon the Project site and start performing your obligations under the Contract Documents. The date of Substantial Completion is: _____.

Before you may start any Work at the Site, Section 00620 of this Contract provides that you must deliver to the Owner (with copies to Architect and other identified additional insureds) certificates of insurance along with the declaration pages, which are required to be purchased and maintained in accordance with the Contract Documents.

CASINO REINVESTMENT DEVELOPMENT AUTHORITY

By: _____

Name: John F. Palmieri

Title: Executive Director

Copy: Craig F. Dothe Architect, LLC

Attachment "C" Change Order

No. _____

DATE OF ISSUANCE _____

EFFECTIVE DATE _____

OWNER _____

CONTRACTOR _____

Contract: _____

Project: _____

Contract No. _____

ENGINEER _____

You are directed to make the following changes in the Contract Documents:

Description:

Reason for Change Order:

Attachments: (List documents supporting change)

CHANGE IN CONTRACT PRICE:
Original Contract Price \$ _____
Net Increase (Decrease) from previous Change Orders No. ___ to ___: \$ _____
Contract Price prior to this Change Order: \$ _____
Net increase (decrease) of this Change Order: \$ _____
Contract Price with all approved Change Orders: \$ _____

CHANGE IN CONTRACT TIMES:
Original Contract Times: Substantial Completion: _____ Ready for final payment: _____ (days or dates)
Net change from previous Change Orders No. ___ to No. ___: Substantial Completion: _____ Ready for final payment: _____ (days)
Contract Times prior to this Change Order: Substantial Completion: _____ Ready for final payment: _____ (days or dates)
Net increase (decrease) this Change Order: Substantial Completion: _____ Ready for final payment: _____ (days)
Contract Times with all approved Change Orders: Substantial Completion: _____ Ready for final payment: _____ (days or dates)

RECOMMENDED:

APPROVED:

ACCEPTED:

By: _____ By: _____
ARCHITECT (Authorized Signature) OWNER (Authorized Signature)

By: _____
CONTRACTOR (Authorized Signature)

Date: _____

Date: _____

Date: _____

Approved as to form by the CRDA Law Department

Attachment "C" - Continued

Invoice Summary

Pay Item	Description	Original Lump Sum	Change Orders	Revised Lump Sum	Percent Completed	Previously Billed	Current Billing	Total Billing
1.								
2.	Performance and Payment Bond							
3.	General construction work							
4.								
5.								
6.								
7.								
8.								
9.								
10.	Site Restoration & Final Cleanup							
SUBTOTAL - Unit Price Items						_____	_____	_____
SUBTOTAL - Lump Sum Items						_____	_____	_____
TOTAL - All Items						_____	_____	_____

Attachment "C" - Continued

Partial Release and Waiver of Liens

WHEREAS, the undersigned is the Contractor furnishing work, services, materials or equipment upon real estate owned by City of Atlantic City, Atlantic City, State of New Jersey in furtherance of that certain Exterior Facade Renovation, 3100 Block of the Boardwalk sponsored by the Casino Reinvestment Development Authority (hereinafter referred to as "Owner").

Receipt is acknowledged of \$ _____, which represents partial payment, bringing the total paid to date against our Contract to \$ _____ for work, services, materials and/or equipment furnished and installed by us at the above referenced project, the undersigned does hereby waive, release and relinquish the Owner and the Building/Land from any and all claims and/or construction liens pursuant to N.J.S.A. 2A:44A-1 *et seq.* relating to this Project, to the extent of \$ _____.

We do not waive or release any future lien rights for additional labor and/or materials furnished hereafter in performance of the project.

We agree to hold the Owner and the Building/Land harmless against any claim made or lien filed by any of our material suppliers and subcontractors who performed work or supplied materials for the Project to-date.

In addition, the undersigned warrants: (a) that any claims for payment for work, services, materials and/or equipment furnished in the construction or repair of the aforesaid real estate and improvements have not been assigned and will not be assigned; (b) that all laborers, subcontractors and suppliers of the undersigned who have or will have furnished work, services, materials and/or equipment in the construction or repair of the aforesaid real estate and improvements have been or will be fully paid and that none of such laborers, subcontractors or suppliers have or will have any claim, demand or lien against the aforesaid real estate and improvements; and (c) that no financing statement, chattel mortgage, security interest, conditional bill of sale or retention of title agreement has been given or executed or will be given or executed for or in connection with any materials, appliances, machinery, fixtures or furnishings placed upon or installed, or to be placed upon or installed, in the aforesaid real estate and improvements by the undersigned.

IN WITNESS WHEREOF, the undersigned has executed and sealed this Partial Release and Waiver of Liens this ____ day of _____, 2011.

Paid to date: \$ _____

NAME OF CONTRACTOR: _____

By: _____

Title: _____

WITNESS: _____

Attachment "C" - Continued

Partial Release and Waiver of Liens

WHEREAS, the undersigned is a subcontractor, supplier or other person furnishing work, services, materials or equipment upon real estate owned by the City of Atlantic City, Atlantic City, State of New Jersey in furtherance of that certain Exterior Facade Renovation, 3100 Block of the Boardwalk sponsored by the Casino Reinvestment Development Authority (hereinafter referred to as "Owner").

Receipt is acknowledged of \$ _____, which represents partial payment, bringing the total paid to date against our Contract to \$ _____ for work, services, materials and/or equipment furnished and installed by us at the above referenced project, the undersigned does hereby waive, release and relinquish the Owner and the Building/Land from any and all claims and/or construction liens pursuant to N.J.S.A. 2A:44A-1 *et seq.* relating to this Project, to the extent of \$ _____.

We do not waive or release any future lien rights for additional labor and/or materials furnished hereafter in performance of the project.

We agree to hold the Owner and the Building/Land harmless against any claim made or lien filed by any of our material suppliers and subcontractors who performed work or supplied materials for the Project to-date.

In addition, the undersigned warrants: (a) that any claims for payment for work, services, materials and/or equipment furnished in the construction or repair of the aforesaid real estate and improvements have not been assigned and will not be assigned; (b) that all laborers, subcontractors and suppliers of the undersigned who have or will have furnished work, services, materials and/or equipment in the construction or repair of the aforesaid real estate and improvements have been or will be fully paid and that none of such laborers, subcontractors or suppliers have or will have any claim, demand or lien against the aforesaid real estate and improvements; and (c) that no financing statement, chattel mortgage, security interest, conditional bill of sale or retention of title agreement has been given or executed or will be given or executed for or in connection with any materials, appliances, machinery, fixtures or furnishings placed upon or installed, or to be placed upon or installed, in the aforesaid real estate and improvements by the undersigned.

IN WITNESS WHEREOF, the undersigned has executed and sealed this Partial Release and Waiver of Liens this ____ day of _____, 2011.

Paid to date: \$ _____

NAME OF SUBCONTRACTOR: _____

By: _____

Title: _____

WITNESS: _____

00550 Notice to Proceed

Upon execution of the Contract by the Owner, a fully executed copy, together with a Notice to Proceed in the form attached hereto as Attachment “B”, will be provided to the Contractor, provided however, that such Notice shall only be issued after Owner’s receipt of all required approvals. Receipt of the executed Contract and Notice to Proceed shall constitute the Contractor’s authority to enter upon the Project site, provided the Contractor has submitted to the Owner, and the Owner has accepted, the insurance certificates and declaration pages required under Subsection 00620 and a preconstruction conference has been held pursuant to Subsection 01310.5(1). Construction operations shall not begin until the Contractor has supplied, and the Architect and/or Owner has accepted, Insurance Certificates, the Progress Schedule, bonds and certifications, forms, schedules, and any other reasonable request by the CRDA or submittals required by the Contract Documents.

Construction operations shall begin within 20 days of the Notice to Proceed. The Notice to Proceed is the first day of the Contract Time. Failure of the Contractor to begin operations within 20 days for any reason shall constitute a Contractor delay. Failure to begin operations within 30 days shall constitute a default for which the Owner may take whatever action deemed appropriate under the Contract, in the Owner’s sole and absolute discretion.

The Contractor is not entitled to additional compensation or extension of Contract Time for any delay, hindrance, or interference caused by or attributable to commencement of Work before the twentieth day following the Notice to Proceed.

The Contractor shall give the Architect at least 72 hours advance notice in writing of its intention to start operations.

00600 Bonds, Insurance and Representations

00610 Performance Bond and Payment Bond

Within ten (10) business days of the date of the Notice of Proceed, the Contractor shall complete and deliver a Performance Bond and a Payment Bond satisfactory to the Owner.

Each bond shall be the sum of not less than the Total Contract Price less the lump sum bid for the Pay Item “Performance Bond and Payment Bond” and shall be maintained by the Contractor until Acceptance. In the event of the insolvency of the surety or if the Performance Bond and Payment Bond have not been properly authorized or issued by the Surety company, the Contractor shall furnish and maintain, as above provided, other surety satisfactory to the Owner.

All alterations, extensions of Contract Time, extra and additional work, and other changes authorized by the Contract Documents may be made without securing the consent of the surety or sureties of the bonds.

The surety corporation bonds shall be furnished by only those sureties listed in the US Treasury Department Circular 570 and authorized to do business in the State of New Jersey. The bonds shall be accompanied by a certification as to authorization of the attorney-in-fact to commit the surety company and a true and correct statement of the financial condition of said surety company.

Payment for the Performance Bond and the Payment Bond will be made upon commencement of work on the basis of Pay Item No. 1 as set forth in The Fee Schedule or the actual cost (gross premium), whichever is less, upon submission of a paid bill and the report of execution issued by the Surety showing the gross premium of the bonds and the broker’s fee. Upon Completion, the Owner’s payment for the Performance and Payment Bond will be adjusted to reflect any increase or decrease in the actual cost of the bonds. Any increase will be based upon the rate schedule certified by the Surety and submitted by the Contractor

at the beginning of the Project. If the certified schedule and the paid bill are not submitted at the beginning of the Project, no adjustment will be made. Any increase or decrease in the actual cost of the bonds of less than one hundred dollars will be disregarded. The adjustment will be calculated on whichever of the following methods results in the lowest adjustment:

1. The difference between the actual cost paid by the Contractor before the commencement of work and the paid final bill submitted by the surety company or agent.
2. The difference between the actual cost paid by the Contractor before the commencement of work and the final amount as calculated by using the certified schedule submitted at the beginning of the Project.

If the amount of this final bill reflects an increase in the cost of the Performance and Payment Bonds, the Owner will pay the Contractor the amount as determined above in the final payment to be made to the Contractor after Acceptance. If the amount of the final bill reflects a decrease in the cost of the Payment and Performance Bonds, the Owner will deduct that amount from the final payment made to the Contractor after Acceptance.

Payment will be made under:

<i>Pay Item</i>	<i>Pay Unit</i>
PERFORMANCE BOND AND PAYMENT BOND	LUMP SUM

00620 Insurance

The Contractor shall procure and maintain, until Acceptance and at all times thereafter when the Contractor may be correcting, removing, or replacing defective work, insurance for liability for damages imposed by law and assumed under the Contract, of the kinds and in the amounts hereinafter provided, with insurance companies authorized to do business in the State of New Jersey. Within five (5) business days of the Notice of Award, the Contractor shall furnish to the Owner a certificate or certificates of insurance together with declaration pages, in a form satisfactory to the Owner, showing that the Contractor has complied with this Subsection. Insurance binders are not acceptable as a form of insurance certificate. All of the policies of insurance required to be purchased and maintained and the certificates, declaration pages, or other evidence thereof shall contain a provision or endorsement that the coverage afforded is not to be canceled, materially changed, or renewal refused until at least 30 days prior written notice has been given to the Architect and Owner by certified mail. All certificates, notices, or declaration pages shall be submitted to the Architect (Attention: **Craig F. Dothe, Project Architect, Craig F. Dothe Architect LLC, 33 N. Brighton Avenue, Atlantic City, New Jersey**) and Owner (Attention: **Sharon D. Dickerson, Esquire, Casino Reinvestment Development Authority, 1014 Atlantic Avenue, Atlantic City, NJ 08401**). Within five (5) days of commencing Work, the Contractor shall furnish the Owner with a certified copy of each policy of insurance, including the provisions establishing premiums.

Contractor shall obtain and maintain the types of insurance and minimum limits of liability as follows:

1. **Comprehensive General Liability Insurance.** The minimum limit of liability shall be \$5,000,000 per occurrence as a combined single limit for bodily injury and property. Any excess or umbrella policy obtained by the Contractor so that the minimum limit of liability is provided shall contain a clause stating that it takes effect (drops down) in the event the primary coverage is impaired or exhausted.

The above-required Comprehensive General Liability policy shall name the Owner, its officers, and employees, and the Casino Licensees and the City of Atlantic City, New Jersey, and their respective governing bodies, as additional insureds.

The coverage to be provided under this policy shall be at least as broad as that provided by the standard basic, unamended, and unendorsed comprehensive general liability coverage forms currently in use in the State of New Jersey, which shall not be circumscribed by an endorsement limiting the breadth of coverage. Moreover, such policy shall be endorsed so as to delete any

exclusions applying to property damage liability arising from explosions or arising from damage to underground utilities and collapse of foundations.

The insurance policy shall be endorsed to include contractual liability coverage, premises/operations coverage, products/completed operations coverage, broad form property damage coverage, independent contractors coverage, and personal injury coverage.

The Contractor shall provide documentation from the insurance company that indicates the cost, if any, of naming the Owner, its members, officers, employees, and other parties as additional insureds.

2. **Comprehensive Automobile Liability Insurance.** The policy shall cover owned, non-owned, and hired vehicles with minimum limits of liability in the amount of \$1,000,000 per occurrence as a combined single limit for bodily injury and property damage, together with excess coverage or umbrella coverage with the same terms and conditions as the primary underlying coverage (following form) in an amount such that the primary and excess coverage or primary and umbrella coverage together equals or is greater than \$5,000,000. Said excess or umbrella policy shall contain a clause stating that it takes effect (drops down) in the event the primary coverage is impaired or exhausted.
3. **Owner's and Contractor's Protective Liability Insurance.** The Contractor shall provide a separate Owner's and Contractor's Protective Liability Insurance Policy. The minimum limit of liability shall be \$5,000,000 per occurrence as a combined single limit for bodily injury and property damage. The policy is to be written for the benefit of the Owner, its members, directors, officers and employees, and they are to be named as the insured. The Casino Licensees and the City of Atlantic City, New Jersey are to be additional insureds.
4. **Workers Compensation and Employer's Liability Insurance.** Workers Compensation Insurance shall be provided according to the requirements of the laws of the State of New Jersey, and shall include an all states endorsement to extend coverage to any State that may be interpreted to have legal jurisdiction. Employer's Liability Insurance shall be provided with the following minimum limits:
 - a. \$100,000 each accident
 - b. \$100,000 Disease each employee
 - c. \$500,000 Disease aggregate limit

Insurance coverage in the minimum amounts set forth herein shall not be construed to relieve the Contractor for liability in excess of such coverage, nor does it preclude the Owner from taking such other actions as are available to it under any other provisions of this Contract or otherwise at law.

All proof of insurance submitted to the Owner shall clearly set forth all exclusions and deductible clauses. Standard exclusions will be allowed provided they are not inconsistent with the requirements of this Subsection. Allowance of any additional exclusions is at the discretion of the Owner. Regardless of the allowance of exclusions or deductions, the Contractor shall be responsible for the deductible limit of the policy and all exclusions consistent with the risks it assumes under this Contract and as imposed by law.

In the event that the Contractor provides evidence of insurance in the form of certificates of insurance, valid for a period of time less than the period during which the Contractor is required by the terms of the Contract to maintain insurance, said certificates are acceptable, but the Contractor shall be obligated to renew its insurance policies as necessary and to provide new certificates of insurance so that the Owner is continuously in possession of evidence of the Contractor's insurance according to the foregoing provisions.

In the event the Contractor fails or refuses to renew its insurance policy, or the policy is canceled, terminated, or modified so that the insurance does not meet the requirements of this Subsection, the Owner may refuse to make payment of any further monies due under this Contract or refuse to make payment of monies due or coming due under other contracts between the Contractor and the Owner. The Owner may use monies retained under this paragraph to renew the Contractor's insurance for the periods

and amounts referred to above. Alternately, the Owner may default the Contractor and direct the Surety to complete the Project. During any period when the required insurance is not in effect, the Architect may suspend performance of the Contract. If the Contract is so suspended, additional compensation or extension of Contract Time is not due on account thereof.

Payment for any of the required insurance for this Project is included in the Total Contract Price, and Contractor shall not be entitled to any further or additional compensation in regard to fulfilling the requirements of this Subsection.

00630 Representations

00630.1 RESERVED

00630.2 Summary of Work.

The Project consists of the renovation of the exterior facade of the 3100 Block of the Atlantic City Boardwalk between Chelsea and Montpelier Avenues, Atlantic City, New Jersey. The 3100 Block is more commonly known as the Ocean Club Condominiums. It is intended that the entire existing awning system will be removed and replaced with the new Awning System, Signage and Signage Lighting Electrical elements as shown on the drawings prepared by the Architect. Work on the interior of the structure is not included within the general scope of work for this Project.

00630.4 Permits.

The Contractor shall secure and pay for all permits, approvals, government fees, licenses, and inspections necessary for the proper execution and performance of the Work. Contractor shall deliver to the Architect all original licenses, permits and approvals obtained by the Contractor in connection with the Work prior to the final payment or upon termination of the Contract, whichever is earlier.

00630.5 Examination of Contract Documents and Site of Project

The Contractor has examined carefully the site of the proposed Project and the Contract Documents before execution of the Contract. The execution of this Contract is conclusive evidence that the Contractor has made such examination and is fully aware of the conditions to be encountered in performing the Work and is fully aware of the requirements of the Contract Documents and has considered the following:

1. **Investigation of subsurface and Surface Conditions.** Where the Owner has made investigations of subsurface conditions in areas where Work is to be performed under the Contract, or in other areas, some of which may constitute possible local material sources, such investigations are made only for the purpose of study, estimating and design. Where such investigations have been made, the records of the Owner as to such investigations have been made available to the Contractor, subject to and upon the conditions set forth herein. In the event the Contractor's site examination reveals that site conditions are inconsistent with the Contract Documents, the Contractor shall immediately notify the Architect.

NOTWITHSTANDING ANY EXPRESSED OR IMPLIED REPRESENTATION TO THE CONTRARY, THE RECORDS OF THE OWNER'S SUBSURFACE INVESTIGATION, IF ANY, ARE NOT A PART OF THE CONTRACT AND ARE MADE AVAILABLE FOR INSPECTION SOLEY FOR THE CONVENIENCE OF THE CONTRACTOR. THIS INVESTIGATION, WHILE CONSIDERED BY THE OWNER TO BE SUFFICIENT FOR DESIGN PURPOSES IN BOTH SCOPE AND CONTENT, IS NOT NECESSARILY SUFFICIENT FOR CONSTRUCTION PURPOSES, AND IS NOT KEYED TO THE NEEDS OF THE CONTRACTOR.

IT IS EXPRESSLY UNDERSTOOD AND AGREED THAT THE OWNER ASSUMES NO RESPONSIBILITY WHATSOEVER IN RESPECT TO THE SUFFICIENCY OR ACCURACY OF THE SUBSURFACE INVESTIGATIONS, THE RECORDS THEREOF, OR IN THE INTERPRETATIONS SET FORTH THEREIN OR MADE BY THE OWNER IN ITS USE THEREOF OTHER THAN AS USED TO ESTABLISH A DESIGN FOR THE PROJECT IN ITS AS-BUILT CONDITION. THERE IS NO WARRANTY OR GUARANTEE, EITHER EXPRESS OR IMPLIED, THAT THE CONDITIONS INDICATED BY SUCH INVESTIGATIONS OR RECORDS THEREOF ARE REPRESENTATIVE OF THOSE EXISTING THROUGHOUT SUCH AREAS, OR ANY PART THEREOF, OR THAT UNLOOKED-FOR DEVELOPMENTS MAY NOT OCCUR, OR THAT MATERIALS OTHER THAN, OR IN PROPORTIONS DIFFERENT FROM THOSE INDICATED, MAY NOT BE ENCOUNTERED.

THE AVAILABILITY OR USE OF INFORMATION DESCRIBED IN THIS SUBSECTION IS NOT TO BE CONSTRUED IN ANY WAY AS A WAIVER OF THE ABOVE PROVISIONS, AND THE CONTRACTOR IS CAUTIONED TO MAKE SUCH INDEPENDENT INVESTIGATION AND EXAMINATION AS NECESSARY TO SATISFY THE CONTRACTOR AS TO THE CONDITIONS TO BE ENCOUNTERED IN THE PERFORMANCE OF THE WORK AND, WITH RESPECT TO POSSIBLE LOCAL MATERIAL SOURCES, THE QUALITY AND QUANTITY OF MATERIAL AVAILABLE AND THE TYPE AND EXTENT OF PROCESSING THAT MAY BE REQUIRED TO PRODUCE MATERIAL CONFIRMING TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.

INFORMATION DERIVED FROM SUCH INSPECTION OF RECORDS OF INVESTIGATIONS OR COMPILATION THEREOF MADE BY OR ON BEHALF OF THE OWNER OR THE ARCHITECT, DOES NOT RELIEVE THE CONTRACTOR FROM ANY RISK, LIABILITY OR FROM PROPERLY FULFILLING THE TERMS OF THE CONTRACT.

- 2. Project Areas and Access Location Availability.** The Contractor shall consider the effect on its work schedule of any delays in Project Area and access availability. The execution of this Contract shall be considered conclusive evidence that the Contractor has considered such delays and made allowance for them in the Progress Schedule.
- 3. Utilities.** The Contractor shall consider the effect on its work schedule the existence and requirement to avoid or temporarily relocate utilities. The Contractor shall consider, in its fee schedule submission, the implementation of temporary utilities and permanent utilities required for performance of the Work.
- 4. Other Contractors.** The Contractor shall examine the Project site and adjacent areas so as to be fully aware of other contractors working on or adjacent to the site. The Contractor shall become fully aware of the operations of such contractors and how their operations may affect Contractor's progress. The Contractor shall also consider and allow for the right of the Owner at any time to contract for and perform other or additional work in, on or near the Project Area.
- 5. Existing Structures.** The Contractor shall be familiar with existing structures located within the Project Area. However, all structures, as identified by the Architect as "not to be disturbed," shall be avoided and protected by the Contractor in order to complete the Work. The Contractor must cooperate with the owner's of the structure to minimize conflict with the operation of the building. The Contractor must avoid disruption of utility service and life safety systems to the occupants of the building. The Contractor must also protect the owners and patrons of the retail operations within the building from injury resulting from construction operations, equipment installation and demolition activities.

00700 General Conditions

00700.1 General

The titles and headings of the Section, Subsections, and Subparts herein are intended for convenience of reference and shall not be considered as having bearing on their interpretation.

Working titles that have a masculine gender, such as “workman,” “foreman,” “materialman,” and “flagman” are used in the Contract Documents for the sake of brevity, and are intended to refer to persons of either sex.

When a publication is specified, it refers to the most recent date of issue, including interim publications, before the date of the receipt of proposals for the Project unless the issue as of a specific date or year is provided for.

Whenever a slope is indicated in the Specifications, it is given in horizontal to vertical dimensions. The horizontal will be indicated with an “H” and the vertical will be indicated with a “V.”

00700.2 Terms

When the following terms are used in the Contract Documents, the intent and meaning shall be as follows:

ACCEPTANCE. The term “Acceptance” means the formal written acceptance, by the Owner, of the Project that has been completed in all respects according to the Contract Documents.

ACCEPTANCE TESTING. Testing conducted by the Architect to measure the degree of compliance to the Contract Documents.

ARCHITECT. The term “Architect” means Craig F. Dothe Architect LLC, the Owner’s professional architect acting directly or through the architect’s duly authorized representatives, such representatives acting within the scope of the particular duties delegated to them.

To avoid repetition, unless otherwise stated, whenever the following words are used, it shall be understood as if they were followed by the words “to the Architect” or “by the Architect”: “acceptable, accepted, added, allowed, applied, approved, assumed, authorized, awarded, calculated, charged, checked, classified, computed, condemned, conducted, considered, considered necessary, contemplated, converted, deducted, deemed, deemed necessary, deleted, designated, determined, directed, disapproved, divided, documented, established, evaluated, examined, excluded, furnished, given, granted, included, incorporated, increased, indicated, inspected, insufficient, issued, made, marked, measured, modified, monitored, notified, observed, obtained, opened, ordered, paid, paid for, performed, permitted, provided, received, recorded, reduced, re-evaluated, rejected, removed, required, reserved, retested, returned, sampled, satisfactory, scheduled, specified, stopped, submitted, sufficient, suitable, supplied, suspended, taken, tested, unacceptable, unsatisfactory, unsuitable, or used.”

BY OTHERS. The term “by others” refers to a person, firm, or corporation other than the Contractor or its surety or persons, firms, or corporations in a contractual relationship with the Contractor or the surety, such as a subcontractor, supplier, fabricator, or consultant at any tier.

CALENDAR DAY. Each and every day shown on the calendar.

CASINO LICENSEE. The term “Casino Licensee” shall mean all casino licensees that contribute funding to the CRDA and the boardwalk restoration fund from which is the source of the project funding, and their respective directors, officers and employees.

CHANGE ORDER. The term “Change Order” means a written order issued by the Architect and the CRDA to the Contractor after execution of the Contract as set forth in Attachment “C” authorizing one or more of the following:

1. Changes in the Work.
2. Adjustments in the basis of payment for the Work affected by the changes.
3. Adjustments in the Contract Time.
4. Adjustments to the Scope of Work

CITY. The term “City” shall mean the City of Atlantic City, New Jersey.

COMPLETION. The term “Completion” means Completion of the Work. Completion shall occur when:

1. the Work has been satisfactorily completed in all respects according to the Contract Documents and punch list items are finalized and complete;
2. the Contractor has satisfactorily executed and delivered to the Architect and/or Owner all documents, certificates, and proofs of compliance required by the Contract Documents, it being understood that the satisfactory execution and delivery of said documents, certificates, and proofs of compliance is a requirement of the Contract.

CONSTRUCTION CHANGE DIRECTIVE. A construction change directive is a written order prepared by the Architect and signed by the Owner and Architect, directing a change in the Work prior to the issuance of a Change Order.

CONSTRUCTION OPERATIONS. Construction operations shall include mobilization, including placement of temporary scaffolding, movement or installation of utilities, removal, renovation and lighting, signage, punch list and final clean up of the site.

CONTRACT. The term “Contract” means the entire and integrated agreement between the parties there-under and supersedes all prior negotiations, representations, or agreements, either written or oral. The Contract Documents form the Contract between the Owner and the Contractor setting forth the obligations of the parties there-under, including, but not limited to, the performance of the Work and the basis of payment.

CONTRACT DOCUMENTS. The term “Contract Documents” consist of the Contract between Owner and Contractor, Conditions of the Contract, Drawings, Specifications, Addenda issued prior to execution of the Contract, other documents listed in the Contract and Modifications issued after execution of the Contract.

CONTRACT TIME. The term “Contract Time” means the number of Calendar Days including authorized adjustments allowed for Completion. This Calendar Day Contract shall be completed on or before the day indicated even when that date is a Saturday, Sunday, or holiday.

CONTRACTOR. The term “Contractor” means the individual, firm, partnership, corporation, or any acceptable combination thereof contracting with the Owner for performance of the prescribed Work. Throughout the Contract Documents, the Contractor is referred to as if singular in number. The term “Contractor” means the Contractor or the Contractor’s authorized representative.

COUNTY. The term County means the County of Atlantic, New Jersey.

CURRENT CONTROLLING OPERATION OR OPERATIONS. The current controlling operation or operations is to be construed to include any feature of the Work, which, if delayed at the time in question, delays the overall time of Completion.

DAYS. Unless otherwise designated, days, as used in the Contract Documents, means Calendar Days.

DISPUTE. The term dispute is defined as a disagreement between the Owner and the Contractor with regard to the Work or Contract Documents.

DRAWINGS. The Drawings are the graphic and pictorial portions of the Contract Documents prepared by the Architect, showing the design, location and dimensions of the Work, generally including plans, elevations, sections, details, schedules and diagrams.

EASEMENT. An easement is the right to use the land of Property Owners and others for a specific or particular purpose consistent with the grant under which it was made.

EQUIPMENT. Equipment means all machinery and equipment, together with the necessary supplies for upkeep and maintenance, and also tools and apparatus necessary for the proper construction of the Work.

EXTRA WORK. The term “Extra Work” means new and unforeseen work found essential to the satisfactory completion of the Project, as determined by the Architect, and not covered by any of the various Pay Items set forth in Exhibit “H”. In the event portions of such work are determined by the Architect to be covered by one of the various Pay Items set forth in Exhibit “H” or combinations of such items, the remaining portion of such work will be designated as Extra Work. Extra Work also includes work specifically designated as Extra Work in the Contract Documents.

EXTREME WEATHER CONDITIONS. When, solely as a result of adverse weather, the Contractor is not able to work, the Contractor is entitled to claim that progress of the Work has been affected by extreme weather conditions and may seek an extension of Contract Time consistent with the provisions of Subsection 01310.11A.

HOLIDAYS. The following days shall be considered holidays for use in determination of Working or Business Days:

New Year’s Day	Thanksgiving Day
Memorial Day	Christmas Day
Independence Day	President’s Day
Labor Day	

INSPECTOR. The Architect’s authorized representative assigned to inspect contract performance, methods, and materials related to the Work both on and off the site of the Project.

ITS OWN ORGANIZATION. The term “Its Own Organization” shall be construed to include only workers customarily employed and paid directly by the Contractor and equipment owned or rented by the Contractor, with or without operators.

MAJOR PAY ITEM. The term “Major Pay Item” means the following categories of the Work: payment and performance bond, general construction work, roofing and flashing, cast stone work, tile work, decorative metal grille, mechanical and plumbing and electrical work.

MATERIALS. Any substances specified, and approved, for use in the performance of the Project.

MINOR PAY ITEM. The term “Minor Pay Item” includes all categories of the Work that are not defined as a Major Pay Item.

MODIFICATION. A modification is (1) a written amendment to the Contract signed by both parties; (2) a Change Order; (3) a Construction Change Directive or (4) a written order for a minor change in the Work issued by the Architect.

NOTICE TO PROCEED. The term “Notice to Proceed” means the written notice to the Contractor to begin Work, as set forth in Attachment “B”.

NIC. The term “NIC” means work that is not included in the contract. The work will be furnished and installed by the Owner.

OWNER. Solely for the purposes of this Contract, the term “Owner” means the Casino Reinvestment Development Authority (“CRDA”), acting directly or through duly authorized representatives, such representatives acting within the scope of the particular duties delegated to them. The CRDA is funding the Project, but does not have any property rights in the Boardwalk or the Ocean Club Condominiums, 3100 Boardwalk, Atlantic City, NJ. The CRDA has entered into separate agreements with the property owner. The CRDA will not, at any time, take ownership of the improvements resulting from this Contract.

PAY ITEM. The term “Pay Item” means a specifically described item of Work for which there is a per unit or lump sum price, as set forth in Exhibit “H”.

PERFORMANCE BOND AND PAYMENT BOND. The term “Performance Bond and Payment Bond” means the approved form of security, executed by the Contractor and its surety or sureties, guaranteeing complete performance of the Contract in conformity with the Contract Documents and the payment of all legal debts pertaining to the construction of the Project.

PLANS. The approved plans, profiles, typical sections, cross-sections, working drawings, and supplemental drawings, or exact reproductions thereof, which show the location, character, dimensions, quantities, and details of the Work to be done.

POLICE. The term “police” shall mean a person authorized to enforce the laws of the State of New Jersey and its political subdivisions, who has jurisdiction at the Project site or elsewhere.

PRECONSTRUCTION MEETING AND PROJECT MEETINGS. The initial Project and on-going meetings conducted by the Architect, held before the start of Work, and during the conduct of the Work, from time to time, as called for.

PROGRESS SCHEDULE. The term “Progress Schedule” means the schedule or timeline prepared by the Contractor to conduct the Work, and which details the periods and milestones for completing the Work, as amended and as approved as provided in the Contract.

PROJECT. The term “Project” means the Renovation of the exterior facade of the 3100 block on the Atlantic City Boardwalk also known as the Ocean Club Condominiums, Atlantic City, NJ and all other necessary and desirable work as approved in accordance with the terms and conditions of the Contract.

PROJECT AREA. The 3100 block of the Boardwalk, Atlantic City, NJ, together with all appurtenances construction and restoration to be performed thereon. The Project may include work by others under other contracts.

PROJECT ACCESS LOCATION(S). The specific access points or locations identified on the Project Plans for ingress and egress to the Project Area.

PROPERTY. The specific block and lot identified and as otherwise further delineated in the Specifications and Project Plans.

PROPERTY OWNER. For the purposes of this Agreement, the Property Owner is the Ocean Club Condominium Associates representing the individual condominium owners.

RETAINAGE. The term, “Retainage” means from the total amounts ascertained as payable in accordance with the Contract, an amount equivalent to ten percent (10%) of the amount due under Contractor’s invoice and Application for Payment deducted and retained by the Owner pending Final Payment.

RIGHT-OF-WAY (ROW). A general term denoting all of the land, property, or interest therein, usually in a strip, acquired for or devoted to transportation purposes or construction of a public improvement.

ROADWAY. The portion of the highway, street, or road within the City that is used by the Contractor to haul, transport materials and equipment to/from the Project Area.

SHALL. Designates an obligation of the Contractor, unless otherwise indicated.

SHOP DRAWINGS. The drawings, diagrams, schedules and other data specifically prepared for the Work by the Contractor or a subcontractor, sub-subcontractor, manufacturer, supplier or distributor to illustrate some portion of the Work.

SPECIFICATIONS. The compilation of provisions and requirements for the performance of prescribed work , or other information giving interpretations or revisions to them, any and all Supplementary Agreements, and whether expressly incorporated by reference or not, all applicable regulatory requirements, and best manufacturing practice standards.

STANDARD WORKING HOURS. The term “Standard Working Hours” means Monday through Friday and times of 7:00 am to 5:00 pm eastern prevailing time.

STATE. The “State” means the State of New Jersey.

SUBCONTRACTOR. Subcontractor means an individual, firm, partnership, corporation, or any acceptable combination thereof, to which the Contractor subcontracts part of the Work.

SUBMITALS. The documents required to be provided to the Architect and/or Owner prior to and during the performance of the Work.

SUBSTANTIAL COMPLETION. The term “Substantial Completion” means the point at which the performance of all Work on the Project has been completed but excluding final cleanup and repair of unacceptable Work, and provided the Owner and Architect have solely determined that:

- (i). the Project is safe and convenient for use by the public, and
- (ii). failure to complete the Work and repairs excepted above does not result in the deterioration of other completed Work.

SUPPLEMENTARY AGREEMENT. The term “Supplementary Agreement” means a bilateral agreement between the Owner and the Contractor, executed on a Change Order form, setting forth the negotiated terms and conditions whereunder changes are to be accomplished, including negotiated adjustments in compensation and time of Completion. The Supplementary Agreement shall be conclusive as to all questions of compensation and extensions of Contract Time relative to

the subject of the agreement excepting only those instances wherein the agreement recites specific exceptions.

SURETY. The corporate body bound with and for the Contractor for the full and complete performance of the Contract and for the payment of all debts and obligations pertaining to the Work.

TOTAL ADJUSTED CONTRACT PRICE. The term “Total Adjusted Contract Price” means the Total Contract Price as it is adjusted through the issuance of Change Orders and Construction change directives and the calculation of as-built quantities, if applicable.

TOTAL CONTRACT PRICE. The term “Total Contract Price” means the correctly determined summation of lump sum amounts and products of all quantities of unit price Pay Items multiplied by the unit prices set forth in Exhibit “H.”

TOWN, TOWNSHIP, CITY. A subdivision of the County used to designate or identify the location of the Project.

TRAVELED WAY. The portion of the roadway for the movement of vehicles exclusive of shoulders and auxiliary lanes.

UTILITY. A publicly, privately, or cooperatively owned agency or agencies operated by one or more persons or corporations for public service.

WILL. Designates an action to be taken by the Owner, the Architect, or any authorized representative, unless otherwise indicated.

WORK. The term “Work” means the furnishing of any and all labor, services, materials, equipment, tools, transportation, supplies, and other incidentals necessary or convenient for the successful completion by the Contractor of the construction described in the Contract Documents and the carrying out of any and all duties and obligations imposed by the Contract Documents on the Contractor.

WORKING OR BUSINESS DAY. Any Calendar Day, exclusive of:

1. Saturdays, Sundays, and holidays;
2. Days on which the Contractor is specifically required by the Contract Documents to suspend construction operations; and
3. Days on which the Contractor is prevented by inclement weather or conditions resulting immediately there-from adverse to the current controlling operation or operations, as determined by the Architect, from proceeding with at least 75 percent of the normal labor and equipment force engaged on such operation or operations for at least 60 percent of the total daily time being currently spent on the controlling operation or operations.

Should the Contractor prepare to begin work at the regular starting time in the morning of any day on which inclement weather, or the conditions resulting from the weather, prevent the work from beginning at the usual starting time, and the crew is dismissed as a result thereof, and the Contractor does not proceed with at least 75 percent of the normal labor and equipment force engaged in the current controlling operation or operations for at least 60 percent of the total daily time being currently spent on the controlling operations or operations, the Contractor will not be charged for a Working Day whether or not conditions should change thereafter during said day and the major portion of the day could be considered to be suitable for such construction operations.

00700.3 Intent

The intent of the Contract Documents is to describe a functionally complete and aesthetically acceptable Project to be constructed and completed by the Contractor in every detail according to the Contract

Documents. Any Work that may be reasonably inferred from the Contract Documents as being required to produce the intended result shall be supplied whether or not specifically called for. Where the Contract Documents describe portions of the Work in general terms, but not in complete detail, it is understood that only the best construction practice is to prevail and only materials and workmanship of the first quality are to be used. Only where the Contract Documents specifically describe a portion of the Project as being performed by others is the Work deemed not to constitute construction of the entire Project.

00700.4 Changes

The Owner, through the Architect, reserves the right to make, in writing, at any time during the Work, such changes in quantities and such alterations in the Work as are necessary to satisfactorily complete the Project. Such changes in quantities and alterations do not invalidate the Contract nor release the surety, and the Contractor agrees to perform the work as altered.

If the alterations or changes in quantities significantly change the character of the Work under the Contract, whether such alterations or changes are in themselves significant changes to the character of the Work or, by affecting other work, cause such other work to become significantly different in character, an adjustment, excluding loss of anticipated profits, will be made to the Contract.

The adjustment to the cost resulting from a change in Work shall be determined by the lesser of:

1. By unit prices stated in the Contract Documents; or
2. By cost, defined below, properly itemized and supported by sufficient substantiating documentation to permit evaluation, plus a profit or no more than five percent (5%) of items 'a' through 'e' described below. Such costs shall be itemized by crafts as defined in the schedule of values and limited to the following items directly allocable to the change in the Work:
 - a. Costs of materials, including cost of delivery;
 - b. Fully-burdened cost of labor, including but not limited to, payroll taxes, social security, old age and unemployment insurance, vacation, fringe benefits required by agreement or routinely paid by Contractor, and worker's or workman's compensation insurance;
 - c. Contractor Supervision/Overhead allowance not to exceed ten percent (10%) of 'a' plus 'b'; the parties agree that this mark-up shall fully cover all Contractor overhead;
 - d. Rental value of equipment and machinery to be established by rental receipts and not to exceed reasonable and customary rates for the locale of the Work. For owned equipment, Contractor must prove reasonable rental rate pursuant to actual ownership costs.
 - e. Cost of any subcontracted work subject to the above requirements and limitations.
 - f. Insurance and bond premiums not to exceed a total of 1% of the change order amount.

Any dispute regarding the cost of the change, as calculated above, shall not relieve the Contractor from proceeding with the change as directed by the Owner or Architect.

If the alterations or changes in quantities do not significantly change the character of the Work to be performed under the Contract, the altered work will be paid for as provided elsewhere in the Contract.

The term "significant change" shall be construed to apply only to the following circumstances:

1. When the character of the Work as altered differs materially in kind or nature from that involved or included in the original proposed construction, or
2. When the as-built quantity of a Major Pay Item, as defined herein, that is based on unit price is in excess of 120 percent or below 80 percent of the original Contract quantity. Any allowance for an increase in quantity shall apply only to that portion in excess of 120

percent of original Contract item quantity, or in case of a decrease below 80 percent, to the actual amount of work performed.

Changes that solely involve the increase or decrease in the quantity of Pay Items (not involving unit price adjustments pursuant to Subsection 00700.7), the elimination of Pay Items, the adjustment of the estimated quantities which are set forth in Attachment "A" as the result of as-built calculations, or minor changes in the Work as provided in 00700.5, may be affected by a Construction change directive or by a Change Order (in the form set forth in Attachment "C"), as determined by the Architect. All other changes will be included in a Change Order that specifies, in addition to the Work to be done, an adjustment of Contract Time, if any, and the basis of compensation for such Work. A Change Order does not become effective until the Owner has approved the proposed Change Order submitted by the Architect.

Upon receipt of a Construction change directive or Change Order, the Contractor shall proceed with the ordered Work. Where the changes involved require a Change Order, and a Change Order has not yet been issued, the Owner may direct, by Construction change directive, that the Contractor proceed with the desired Work, and the Contractor shall comply. In such cases, the Owner will, as soon as practicable, issue a Change Order for such Work.

When the compensation for an item of Work is subject to adjustment under the provisions of Subsections 00700.5 through 00700.11 the Contractor shall furnish the Architect with adequate detailed cost data for such item of Work.

In addition to Construction change directives and Change Orders, the terms and conditions relating to changes may be negotiated with the Contractor. If the Contractor signifies acceptance of such terms and conditions by executing a Supplementary Agreement, and if such Supplementary Agreement is approved by the Owner and issued to the Contractor, payment according to the terms and conditions as to compensation and adjustments in the Contract Time therein set forth constitutes full compensation and a mutually acceptable adjustment of Contract Time for all Work included therein or required thereby. The Contractor agrees that a proposed Supplementary Agreement that is not approved by the Owner or that is rejected by the Contractor shall have no effect and that neither may attempt to use it in any litigation that may result from the Contract.

The Contractor acknowledges and agrees that no claim for additional compensation shall be made because of any alteration, deviation, addition to, or omission from the Work required by the Contract, by reason of any variation between the approximate quantities as set forth in Exhibit "H" and the quantities of Work as done, by reason of Extra Work, by reason of elimination of Pay Items, or by reason of changes in the character of Work, except as allowed in this Section.

The Contractor acknowledges and agrees that no claim for additional compensation or extension of Contract Time within the scope of this Section will be allowed if asserted after Acceptance.

00700.5 Minor Changes in the Work.

The Architect has the authority to order minor changes in the Work not involving an adjustment to the unit or lump sum prices, or an adjustment to Pay Items, or an extension of Contract Time, and not inconsistent with the intent of the Contract Documents. Such changes may be effected by Construction change directive and are binding on the Owner and the Contractor. Additional compensation or extension of Contract Time will not be allowed.

00700.6 Procedure and Protest.

A Construction change directive or Change Order may be issued at any time. Should the Contractor disagree with any terms or conditions set forth in a Construction change directive or a Change Order, the Contractor shall submit a written protest to the Architect within 5 days after the receipt of such Construction change directive or Change Order on forms furnished by the Architect as directed by the Owner. The protest shall state the points of disagreement, and, if possible, the specification references, quantities, and costs involved. The protest shall be a specific, detailed statement of the points of disagreement, and the Owner reserves the right to reject general protests. Rejected general protests that

are not cured by the submission of a specific, detailed statement within five days of such rejection will not be considered. If a written protest is not submitted, payment will be made as set forth in the Construction change directive or Change Order and such payment constitutes full compensation for all Work included therein or required thereby and also is conclusive as to any Contract Time adjustments provided for therein or in establishing that no Contract Time adjustment was warranted.

Protests related to Work ordered by Construction change directive, but as to which a Change Order is required, shall be made within 5 days after receipt of the Construction change directive. Subsequent issuance of the Change Order shall not be the basis for a protest except to the extent that the Change Order differs materially from the Construction change directive.

Where the protest concerning a Construction change directive or a Change Order relates to compensation, the compensation payable for all Work specified or required by said Construction change directive or Change Order to which such protest relates, if later deemed appropriate by the Owner, will be determined as provided in Subsection 01450.5 through 01450.8. The Contractor shall keep full and complete records of the cost of such Work and shall permit the Owner and Architect to have such access thereto consistent with Subsection 01290.9, as may be necessary to assist in the determination of the compensation payable for such Work.

Where the protest concerning a Change Order relates to the adjustment of Contract Time, the time to be allowed, if later deemed appropriate, will be determined as provided in Subsection 01310.11 (Extensions and Reductions of Contract Time).

00700.7 Increased or Decreased Quantities.

Increases or decreases in the quantity of a Pay Item will be determined by comparing the partial or total as-built quantity of such item of Work, as applicable, with the quantity set forth in Exhibit "H" or the Project Plans, as applicable. In making such a comparison, quantities that are the subject of Supplementary Agreements or Change Orders for Extra Work will not be considered.

Minor Pay Items are not eligible for any adjustment in unit price regardless of how much the total as-built quantity varies from the quantity set forth in Exhibit "H" unless eligible for adjustment pursuant to Subsection 00700.9.

00700.8 Eliminated Items.

Should any Pay Item set forth in Exhibit "H" be found unnecessary for the proper completion of the Work, the Architect may, upon written order to the Contractor, eliminate such item from the Contract. In such case compensation, if any is appropriate, will be made as provided in this Subsection.

If acceptable material is ordered by the Contractor for the eliminated item before the date of notification of such elimination and if orders for such material cannot be canceled, it will be paid for at the actual cost to the Contractor. In such case, the material paid for becomes the property of the Owner, and the actual cost of any further handling will be paid for. If the material is returnable to the vendor and if the Architect so directs, the material shall be returned, and the Contractor will be paid for the actual cost or charges made by the vendor for returning the material. The actual costs of handling returned material will be paid for.

A reduction in the Contract Time may be made by the Architect as a result of an eliminated item, if appropriate.

00700.9 Changes in Character of Work.

If the Owner determines that an ordered change in the work materially changes the character of the work of a Pay Item, or a portion thereof, and if the change substantially increases or decreases the actual cost of such changed item as compared to the actual or estimated cost of performing the work of said item according to the Contract Documents originally applicable thereto, in the absence of a Supplementary Agreement or un-protested Change Order specifying the compensation payable, an adjustment in compensation will be made according to the following:

1. The basis of such adjustment in compensation will be the difference between the actual cost to perform the work of said item or portion thereof involved in the change as originally planned or estimated and the actual cost of performing the work of said item or portion thereof involved in the change, as changed. Any such adjustment is to apply only to the portion of the work of said item actually changed in character.
2. If the compensation for an item of Work is adjusted under this Subsection, the costs recognized in determining such adjustment and quantity involved will be excluded from consideration in making an adjustment for such item of Work under the provision in Subsection 00700.7.

Failure of the Owner to recognize a change in character of the Work at the time a Construction change directive or Change Order is issued does not relieve the Contractor of the duty and responsibility of filing a written protest within the five-day limit as provided in Subsection 00700.6.

00700.10 Extra Work.

The Owner reserves the right to require Extra Work as needed for the satisfactory completion of the Project. Such Work will be designated as Extra Work when it is determined by the Architect that such Work is not required according to the Contract Documents originally applicable thereto. In the event portions of such Work are determined to be required according to the Contract Documents originally applicable thereto, the remaining portion of such Work will be designated as Extra Work. Extra Work also includes Work specifically designated as Extra Work in the Contract Documents.

The Contractor shall do such Extra Work and furnish labor, material, and equipment therefor upon receipt of a Change Order, Construction change directive, or Supplementary Agreement. In the absence of such, the Contractor shall not perform, nor be entitled to payment for, such Extra Work.

If the Contractor and the Owner cannot agree on a Supplementary Agreement for Extra Work and the Architect deems it inadvisable to have such Work completed by the Contractor, the Owner may elect to have such Work completed by others, and the Contractor shall not interfere therewith nor have any claim for additional compensation as the result of such election.

00700.11 Notification of Changes.

The Contractor shall promptly report to the Architect changes that the Contractor believes constitute a change to the Contract. Except for changes identified as such pursuant to Subsections 00700.4 and 00700.5 the Contractor shall promptly notify the Architect in writing within five (5) days from the date that the Contractor identifies any Changes, which the Contractor regards as a change to the Contract terms and conditions. In no event shall the Contractor begin Work or incur any expenses with relation to the claimed change before giving notice.

The notice shall state the following on the basis of the most accurate information available to the Contractor:

1. The date, nature, and circumstances of the conduct or circumstances regarded as a change.
2. The name, function, and activity of each person involved in or knowledgeable about such conduct or circumstances.
3. The identification of any documents and the substance of any oral communication involved in such conduct or circumstances.
4. In the instance of alleged Extra Work, the basis for the Contractor's claim that the Work is extra.
5. The particular elements of Contract
 - a. What Pay Items have been or may be affected by the alleged change.
 - b. What labor or materials or both performance for which the Contractor may seek additional compensation under this Section including: have been or may be

added, deleted, or wasted by the alleged change and equipment idled, added, or required for additional time.

- c. To the extent practicable, what delay and disruption in the manner and sequence of performance and effect on continued performance have been or may be caused by the alleged change.
- d. What adjustments to Contract price, delivery schedule, and other provisions affected by the alleged change are estimated.

Following submission of the notice, the Contractor shall diligently continue performance of the Contract to the maximum extent possible according to the Contract Documents, unless such notice results in a direction by the Architect, in which event the Contractor shall continue performance in compliance therewith, provided, however, that if the Contractor regards such direction itself as a change, notice shall be given as provided above. All directions, orders, and similar actions of the Architect will be reduced to writing and copies thereof furnished to the Contractor.

The Architect will promptly and in any event within ten (10) days after receipt of notice, respond thereto in writing. In such response, the Architect will do one of the following:

1. Confirm that the conduct or circumstance of which the Contractor gave notice constitutes a change, and when necessary direct the mode of further performance.
2. Revise or rescind any communication regarded as a change.
3. Deny that the conduct or circumstance of which the Contractor gave notice constitutes a change, and when necessary direct the mode of further performance; or
4. In the event the Contractor's notice information is inadequate to make a decision under Items 1, 2, or 3 of this paragraph, advise the Contractor as to what additional information is required, and establish the date by which it should be furnished and the date thereafter by which the Owner will respond.

If the Architect confirms that conduct or circumstances effected a change as alleged by the Contractor, and such conduct or circumstances causes an increase or decrease in the cost of, or the time required for performance of any part of the Work under the Contract, an adjustment in compensation will be made according to the provisions of this Section, and the Contract will be modified in writing accordingly. In the case of drawings, designs, or specifications that are defective and for which the Owner is responsible, the adjustment will be made to include the cost and extension of Contract Time for delay reasonably incurred by the Contractor in attempting to comply with such defective drawings, designs, or specifications before the Contractor identified, or reasonably should have identified, such defect. When the cost of materials made obsolete or excess as a result of a change confirmed by the Architect pursuant to this Subsection is included in the adjustment in compensation, the Architect has the right to prescribe the manner of disposition of such materials. Adjustments will not be made that include increased costs or extensions of Contract Time for delay resulting from the Contractor's failure to provide adequate notice or to continue performance as provided above. Any adjustments of Contract Time will be made pursuant to Subsection 01310.11.

The failure of the Contractor to give notice pursuant to the provisions of this Subsection shall constitute a waiver of any and all claims and damages that could have been avoided or mitigated had such timely notice been given. Moreover, no action or inaction of any person shall constitute a waiver of the Owner's absolute right to receive written notice of an alleged claim pursuant to this Subsection.

DIVISION 1 - GENERAL REQUIREMENTS

01100 Summary

01110 Summary of Work

The work to be completed shall be comprised of, but is not necessarily limited to, the following:

Renovation of the exterior facades of the existing storefronts located along the 3100 block of the Boardwalk between Chelsea and Montpelier Avenues, Atlantic City, New Jersey. The renovation will be completed in accordance with the plans and drawings dated February 28, 2011 prepared by Craig F. Dothe Architect LLC entitled “3100 Block of the Boardwalk, Between Chelsea Avenue and Montpelier Avenue, Atlantic City, New Jersey 08401” attached hereto and made a part hereof by reference.

It is intended that the entire existing awning systems will be removed and replaced with the new Awning System, Signage and Signage Lighting Electrical elements shown on the architectural drawings and plans. Work on the interior of the structure is not included within this Project.

01140 Work Restrictions

01140.1 PROPERTY OWNER OCCUPANCY

- A. The Property Owner(s) intend to occupy the Project during the construction period for the conduct of normal operations.
- B. Cooperate with Property Owner to minimize conflict, and to facilitate Property Owner's operations.
- C. Provide continuous utility service and fully functional life safety systems throughout the construction period to all occupied units. Protect the Property Owners and patrons of the retail establishments involved/affected by the construction operations from injury resulting from all construction operations, equipment, installations or demolition.
- D. Protect the property of the retail establishment tenants, Property Owners, patrons from damage, theft or vandalism during the period of construction.
- E. Schedule the Work to accommodate Property Owner occupancy.

1140.2 RESERVED

01140.3 Work Time.

The Contractor is limited to working the Standard Working Hours. However, if the Contractor so requests, the Owner may consider seeking approval for the Contractor to work outside of the Standard Working Hours. No work is to be progressed outside of Standard Working Hours unless approved in writing by the Owner.

01140.4 CONSIDERATION AND SAFETY OF, AND COORDINATION WITH PROPERTY OWNERS.

The Contractor is aware that the Project Area is on the Atlantic City boardwalk which results in heavy pedestrian traffic. As such, the Contractor shall take care and be cognizant at all times of pedestrians within right-of-ways and persons that may be attracted to the Work activities. At all times, the Contractor must take all necessary and desirable measures to protect equipment and materials used in performance of

the Work from accessibility by third parties. The Contractor shall not be entitled to additional compensation or an extension of time in the Contract due to such pedestrian traffic conditions.

If in the opinion of the Owner, in consultation with the Architect, the Contractor is not abiding by applicable public safety laws and regulations, or determines that the Project Area has not been secured after work hours to prevent the injury to third parties, the Owner will instruct the Architect to halt the Project in accordance with Subsection 01310.14 (Temporary Suspension of Work) and contract with the local authorities or take whatever measures necessary and desirable to protect public safety. The Owner will be entitled to reimbursement of all reasonable costs and expenses from the Contractor associated with such determination, in accordance with Subsection 01360.14 (Recovery of Monies by the Owner).

01140.5 Damage to Property, the Boardwalk and Boardwalk Ramps.

The Contractor shall protect all local roadways, private property and the Atlantic City Boardwalk from damage. Any damage caused by the Contractor shall be considered part of the Contractor's risk and included as part of the Contractor's costs for the Project. The Contractor's obligation in this Subsection is in addition to other similar obligations of the Contract, including those set forth in Sections and Subsections 00630.5 (Examination of Contract Documents and Site of Project), 11020 (Site Restoration and Final Cleanup), 01450.16 (Load Restrictions), 01450.17 (Maintenance During Construction), 01450.18 (Failure to Maintain Project Area, Surroundings and Roadway). A failure by the Contractor to repair any of the above mentioned items in a prompt and timely manner, as determined by the Owner, in its sole discretion, shall be cause for the Owner to contract with a separate contractor to repair the damage and be reimbursed by the Contractor in accordance with Subsection 01360.14 (Recovery of Monies by the Owner). An exception to requiring immediate repair may be approved by the Owner, if the damage is expected to be repetitive due to the nature of the vehicle traffic, is not a danger to the public, and not required by the owner of the right-of-way or other public property, or the private landowner impacted. However, all such approvals must be issued in writing by the Owner and the City. The Contractor shall also be responsible for repairing the damage allowed to remain until Substantial Completion at the Contractor's cost or reimburse the Owner in accordance with Subsection 01360.14 (Recovery of Monies by the Owner).

01140.6 USE OF SITE.

The use of the Project Area is limited to the construction needed for the completion of the Project. The Project Area shall not be used to store equipment or materials other than that to perform the Work called for under the Contract. In addition, at the end of the work day, unless in a location that would prove difficult logistically to move equipment, all machinery and purchased materials shall be stored outside of the Project Area.

01200 Price and Payment Procedures

01270 Measurement of Quantities

Measurements will be made according to the United States customary English units.

The method of measurement and computations to be used in determination of quantities of Work performed under the Contract are those methods generally recognized as conforming to good architectural practice. The method of measurement chosen must be consistent and unchanging through the life of the Project.

The term "lump sum" when used as a basis of payment means complete payment for the Work of that item, and that item will not be measured.

When the unit price Pay Items set forth in Exhibit “H” are specified to be the pay quantity, either the Architect or the Contractor may request that the quantity be measured. If the Contractor makes such a request, it shall be accompanied by drawings, calculations, or other information indicating that the quantity in Exhibit “H” is not correct.

01290 Payment Procedures

01290.1 Scope of Payment.

The Contractor shall receive and accept the compensation provided for in the Contract as full payment for furnishing all labor, materials, tools, equipment, and incidentals necessary to complete the Work, and for performing all Work contemplated and embraced under the Contract in a complete and acceptable manner. Except where specifically provided elsewhere in the Contract Documents, compensation shall encompass full payment for all risk, loss, damage, or expense of whatever character arising out of the nature of the Work or the prosecution thereof, or for the action of the elements, or for any unforeseen difficulties that may be encountered during the prosecution of the Work until Acceptance.

The payment for the various Pay Items set forth in Exhibit “H” encompasses all compensation for work essential to each Pay Item. Work essential to each Pay Item will not be measured or paid for under any other Pay Item in the Contract Documents.

01290.2 Payment for Contractor’s Expenses During Delays.

The Contractor is expected to be familiar with the type of work being progressed under this Contract. Therefore, no delays due to, for example, weather, flooding, coordination with subcontractors, and adjacent work by others will be compensated by the Owner. The Contractor shall take any and all necessary and desirable steps to be familiar with all aspects of the Project, including, without limitation, the Project Area, the contemplated Work, and the Project Plans and Specifications.

01290.3 Partial Payments.

The Owner will make monthly estimated payments to the Contractor based on the approximate quantities of Work satisfactorily performed according to the Contract Documents during the preceding month. Partial payments on account of such monthly estimate will be made based on the prices set forth in Exhibit “H” or as provided by Construction change directive, Change Order, or Supplementary Agreement. The Owner will also pay the Contractor for materials delivered according to Subsection 01290.4.

Before the issuance of each monthly payment before Substantial Completion, the Contractor shall present an invoice along with a fully completed Application for Payment in the form set forth in Attachment “A.” The Application for Payment shall include a Partial Release and Waiver of Liens executed by the Contractor and by any subcontractor or supplier who has provided work, services, material or equipment to the Project and is requesting payment for any of the Work encompassed by the Application for Payment, waiving the Contractor’s, subcontractor’s and/or supplier’s right to assert a construction lien in regard to the Project pursuant to N.J.S.A. 2A:44A-1 to the extent of payments actually received for work, services, materials or equipment provided or to be provided.

Pay Items that are on a lump sum basis will not be measured. However, payment for such items will be included in partial payments consistent with the provisions of the Subsection describing the Work under the lump sum Pay Item. Where the method of payment is not described under the Subsection describing the Work of the lump sum Pay Item, partial payment will be made based on an approximation of the proportionate value of the Work satisfactorily performed to date.

When an Application for Payment includes an application for payment of any unit price pay item, the Application shall include a certification by the Contractor of the quantity of units applied for, along with all necessary documentation, as determined by the Architect, of the measurement of the quantity of unit price items.

From the total amounts ascertained as payable, Owner will retain the Retainage in accordance with the Contract.

Such estimate or payment will not be made when, in the judgment of the Architect, the Work is not proceeding according to the Contract Documents or following the Owner giving the Contractor and surety notice of delay, neglect, or default under Subsection 01310.16 (Default and Termination of Contractor's Right to Proceed).

Such estimate or payment shall not be construed to be an approval of any defective or improper Work. The Architect upon determining that any payment under a previous monthly estimate was improper or unwarranted for any reason may deduct the amount of such payment from the subsequent monthly estimate and partial payments made to the Contractor.

The Owner will deduct from any monthly estimate and payment and/or the final payment such amounts as are required to be deducted pursuant to provisions of the Contract Documents.

01290.4 Materials Payments.

Before including payments for Items that include materials, the Architect must be satisfied that:

1. The materials have been properly stored and protected along or upon the Project Area or have been stored at locations owned or leased by the Contractor or the Owner; and
2. The materials have been inspected and appear to be acceptable based upon available supplier's certification and/or materials test reports; and
3. The Contractor has provided the Architect with proof of good credit standing with the material supply company; and
4. The materials, if stored on property not belonging to the Owner, are fenced in with access limited to the Owner, Architect and the Contractor, and the fenced-in materials are clearly identified in large letters as being without encumbrances and for use solely on the Project.

The Contractor assumes full responsibility for the safe storage and protection of the materials and nothing in this Subsection alters the provisions of Subsections 01360.12 (Risks Assumed by the Contractor) and 00620 (Insurance). If materials paid for under this Subsection are damaged, stolen, or prove to be unacceptable, the payment made therefor shall be deducted from subsequent estimates and payments.

Payment for materials as provided in this Subsection shall not be deemed to be an approval of such materials, and the Contractor shall be responsible for and must deliver to the Project Area and properly incorporate in the Work only those materials that comply with the Contract Documents.

The Contractor shall pay any and all costs of handling and delivering materials to and from the place of storage to the Project Area, as well as any storage rental. Any taxes levied by any government against the materials shall be borne by the Contractor.

01290.5 Payments Following Substantial Completion.

Following Substantial Completion of the Contract according to Subsections 00700.3 (Intent) and 01450.20 (Substantial Completion) payments to the Contractor will be made only upon certification by the Contractor to the Architect and Owner that:

1. Each subcontractor or supplier has been paid all amounts due from all previous progress payments and shall be paid all amounts due from the current progress payment; or
2. There exists a valid basis under the terms of the subcontractor's or supplier's contract to withhold payment from the subcontractor or supplier, and therefore payment is withheld.

The Owner shall not be responsible for any interest payment to material suppliers, no matter what circumstance arises; either through delays in payment by the Owner or delays in payment by the Contractor.

All monies retained subsequent to Substantial Completion shall be released at final payment. Ninety-five percent of the Retainage shall be paid at final payment, with the balance retained in an interest bearing

account by the Owner until such time as the Contractor satisfies its obligations under this Contract after which time, such balance will be paid to the Contractor.

01290.6 Payment Following Acceptance.

After Acceptance as provided in Subsection 01450.21 (Completion and Acceptance), the Architect will make an estimate of the total amount of Work done under the Contract and the Owner will make a final monthly payment. The Owner will pay the balance found to be due after deduction of all previous payments and such further amounts as the Architect determines to be necessary and proper under the Contract (including those required under Subsection 01290.5) pending issuance of the Final Certificate and payment. Retainage is released with this estimate except where the Architect determines to continue to retain them under the provisions of Subsections 01290.5 and 01290.7.

01290.7 As-Built Quantities.

Following Substantial Completion, the Architect will finalize as-built quantities for all unit price Pay Items and for Extra Work that has been authorized and incorporated into the Project. The Contractor shall assume the positive obligation of assisting the Architect in the preparation of such as-built quantities at no extra cost. If the Contractor disagrees with the final as-built quantities, the Contractor must submit, together with a notice of disagreement, the proposed changes and supporting calculations within five (5) days. Where the Contractor fails to respond or fails to provide supporting calculations, together with a notice of disagreement, within the aforesaid 5-day period, such failure will be construed to be acceptance of the as-built quantities. However, the Architect will review supporting calculations properly received from the Contractor according to this Subsection, within five (5) days, and will accept or reject, in part or in whole, the proposed changes to the as-built quantities. The Architect has the discretion to extend the Contractor's 5-day response period, but only upon receipt of a written request from the Contractor, submitted within the aforesaid 5-day period. After the Contractor's acceptance, expiration of the aforesaid 5-day period and any properly granted extensions, or after review of any properly submitted proposed changes; final as-built quantities will be incorporated into a proposed Final Certificate. A claim based upon proposed changes to the as-built quantities that have not been accepted by the Architect, but which were supported by calculations and submitted within the aforesaid 5-day period, may be reserved by the Contractor according to Subsection 01290.8. In addition, the provision of Section 01270 (Measurement of Quantities) shall also govern.

The Architect may from time to time, before Completion, prepare as-built quantities and incorporate these quantities into monthly estimate certificates through an appropriate Field Order or Change Order. Such interim as-built quantities are subject to recalculation following Completion. However, nothing contained in the Contract Documents shall be construed to place on the Architect the obligation of providing the Contractor with as-built quantities for the Work performed before the issuance of the proposed Final Certificate, nor to provide more than rough, approximate quantities of the Work done for use in the preparation of monthly estimates.

Should it appear to the Architect at the time of Acceptance that the calculation of as-built quantities might result in the Contractor being obliged to return money to the Owner, the Architect may refuse to release Retainage pending issuance of the proposed Final Certificate. Where the estimate reveals that an overpayment has been made, the Contractor shall immediately return the amount of the overpayment. If the Contractor fails to remit the overpayment, the Owner will avail itself of other funds held against the Retainage, and then if necessary proceed against the Contractor or its surety. Where the proposed Final Certificate reveals that no overpayment has been made, the Contractor shall be entitled to payment thereunder and the release of Retainage in accordance with the Contract, but the Contractor shall have no claim of any kind for additional compensation as a result of the Architect's decision to withhold Retainage or other monies pending issuance of the proposed Final Certificate.

01290.8 Final Payment.

The Final Certificate shows the total amount payable to the Contractor, including therein an itemization of said amount segregated as to Pay Item quantities, Extra Work, and any other basis for payment, and also

shows therein all deductions made or to be made for prior payments and as required pursuant to the provisions of the Contract Documents. All prior estimates and payments are subject to correction in the Final Certificate.

Within 30 days after said Final Certificate has been issued to the Contractor, the Contractor shall either submit to the Architect a written acceptance of the Final Certificate without exception or a written acceptance of the Final Certificate with exception or reservation. The Contractor's failure to submit any written acceptance within said 30 days will be construed as an acceptance of the Final Certificate without exception or reservation. Final payment will be made to the Contractor in the amount set forth in the Final Certificate, and the Contract will be complete as of the date on which such payment is issued. Failure of the Contractor to accept the tendered Final Payment shall not affect completion of the Contract.

If the Contractor submits to the Architect its written acceptance of the Final Certificate without exception or reservation, the acceptance shall contain a release signed by the Contractor in a form satisfactory to the Owner.

Upon receipt of such written approval and release, the Owner will pay the entire sum due and owing hereunder, and the Contract will be complete as of the date on which that payment is issued, subject to the provisions of 01290.5 (Payments Following Substantial Completion).

Any claims the Contractor may have that cannot be resolved with the Architect or Owner at Final Payment will be submitted to non-binding mediation in accordance with Subsection 01360.2 (Process for the Resolution of Contract Disputes). No action of any kind arising under this Contract shall be brought before the matter at issue is submitted to non-binding mediation in accordance with Subsection 01360.2.

01290.9 Audits.

All claims filed under non-binding mediation are subject to audit at any time following the filing of such claim. The audit may be performed by the Owner or by an auditor under contract with the Owner. The audit may begin on ten (10) days notice to the Contractor or its subcontractor. The Contractor, subcontractor, or supplier shall provide adequate facilities that are acceptable for such audit during normal business hours. The Contractor, subcontractor, or supplier shall make a good faith effort to cooperate with the auditors. Failure of the Contractor, subcontractor, or supplier to maintain and retain sufficient records to allow the Owner's auditor to verify all or a portion of such claim to the books and records of the Contractor, subcontractor, or supplier shall constitute a waiver of such claim and shall bar any recovery thereunder.

At a minimum, the auditors shall have available to them the following documents:

1. Daily time sheets and foreman's daily reports.
2. Insurance, welfare, and benefits records.
3. Payroll registers.
4. Earnings records.
5. Payroll tax forms.
6. Material invoices and/or requisitions.
7. Material cost distribution worksheet.
8. Equipment records (list of company equipment and rates).
9. Vendors', rental agencies', and subcontractors' invoices.
10. Subcontractors' payment certificates.
11. Canceled checks (payroll and vendors).
12. Job cost report.
13. Job payroll ledger.
14. General ledger.
15. Cash disbursements journal.
16. Financial statements for all years reflecting the operations on the Project.
17. Income tax returns for all years reflecting the operations on the Project.
18. Depreciation records on all company equipment whether such records are maintained by the company involved, or its accountant, or others.

19. If a source other than depreciation records is used to develop costs for the Contractor's internal purposes in establishing the actual cost of owning and operating equipment, all such other source documents.
20. All documents which reflect the Contractor's actual profit and overhead during the years the Project was being performed and for each of the five years before the commencement of the Project.
21. All documents related to the preparation of the Contractor's Proposal including the final calculations on which the bid was based.
22. All documents that relate to each and every claim together with all documents which support the amount of damages as to each claim.
23. Worksheets used to prepare the claim establishing the cost components for items of the claim including, but not limited to, labor, benefits and insurance, materials, equipment, subcontractors, and all documents which establish the time periods, individuals involved, and the hours and rates for these individuals.

01290.10 Warranty Against Defective Work.

In addition to any other rights or remedies the Owner may have against the Contractor, its officers, employees, agents, subcontractors, fabricators, and suppliers under other provisions of the Contract Documents or as are otherwise allowed in law or equity, the following rights, remedies, and obligations are imposed by this Subsection:

1. On all Projects, all subcontractors', manufacturers', fabricators', and suppliers' warranties, express or implied, respecting any work or materials shall, at the direction of the Architect, be enforced by the Contractor for the benefit of the Owner. The Contractor shall obtain any warranties that subcontractors, manufacturers, fabricators, and suppliers would give in normal commercial practice. If directed, the Contractor shall require any such warranty to be executed in writing to the Architect. The Architect may direct the Contractor to undertake litigation to enforce any warranty. Litigation directed to be brought during the life of the Contract and until three year following Acceptance (whether actually instituted within this period or not) shall be at the Contractor's expense.
2. The Contractor warrants that work performed conforms to the Contract requirements and is free of any defect of equipment, material or design furnished, or workmanship performed by the Contractor or any of its subcontractors, fabricators, or suppliers at any tier. Such warranty shall continue for a period of three year following Acceptance. Under this warranty, the Contractor shall remedy at its own expense any such failure to conform or any such defect. In addition, the Contractor shall remedy at its own expense any damage to Owner or Property Owner owned or controlled real or personal property, when that damage is the result of the Contractor's failure to conform to Contract requirements or any such defect of equipment, material, workmanship, or design. The Contractor shall also restore any work damaged in fulfilling the terms of this clause. The Contractor's warranty with respect to work repaired or replaced hereunder shall run for the greater of: (i) the balance of the original three year term or (ii) one year from the date of such repair or replacement.

The Architect will notify the Contractor in writing of the discovery of any failure, defect, or damage. Should the Contractor fail to remedy any failure, defect, or damage described in the paragraph above, within 45 days after receipt of notice thereof, the Architect, on the Owner's behalf, will have the right to replace, repair, or otherwise remedy such failure, defect, or damage at the Contractor's expense.

3. Notwithstanding any other provision of this Subsection, the Contractor shall not be liable, hereunder, to the extent of any defects of material or design furnished by the Owner nor for the repair of any damage that results from any such defect in Owner furnished material or design.

01300 Administrative Requirements

01310 Project Management and Coordination

01310.1 Assignment.

The performance of the Contract may not be assigned, except upon the written consent of the Owner. Consent will not be granted to any proposed assignment that would relieve the original Contractor or its surety of their responsibilities under the Contract nor will the Owner consent to any assignment of a part of the Work under the Contract.

01310.2 Subcontracting.

The Contractor shall make application to the Owner, through the Architect, of the names of persons or entities, not listed on the subcontractor utilization form, that the Contractor proposes to engage as subcontractors under this contract. The Owner will reply to the Contractor in writing promptly with any objections to the proposed person or entity. The contractor shall not contract with anyone that the Owner has made timely and reasonable objection. It is understood, however, that any consent of the Owner for the subcontracting of any Work of the Contract in no way relieves the Contractor from its full obligations for all Work under the Contract, nor the surety of its obligations under the bond. The Contractor shall at all times give its personal attention to the fulfillment of the Contract and shall keep the Work under control. The Contractor shall be responsible for all work of subcontractors which work shall conform to the provisions of the Contract Documents. The consent to the subcontracting of any part of the Work shall not be construed as an approval of the said subcontract or of any of its terms, but is to operate only as an approval of the Contractor's request for the making of a subcontract between the Contractor and its chosen subcontractor.

Application for subcontracting any part of the Work shall be made by the Contractor in writing to the Owner. The Contractor shall attach to that application a certified copy of the proposed subcontract between the Contractor and the subcontractor. After review of the application, the consent of or rejection by the Owner of the subcontracting will be provided to the Contractor in writing. Before the receipt of the written consent from the Owner, Work shall not be performed on the Project under the subcontract.

The subcontractor shall look only to the Contractor for the payment of any claims of any nature whatsoever arising out of the subcontract. Nothing contained in this Contract shall create any contractual relationship between any subcontractor and the Owner. The Contractor shall insert appropriate clauses in all subcontracts to bind subcontractors to the terms and conditions of this contract insofar as they are applicable to the work of subcontractors.

The Owner will not consent to the making of any subcontract unless the proposed subcontractor furnishes a statement to the effect that the subcontractor is acquainted with and expressly understands all of the provisions of the Contract.

01310.3 Commencement of Work.

Upon execution of the Contract by the Owner, a fully executed copy together with a Notice to Proceed will be provided to the Contractor. Receipt of the executed Contract and Notice to Proceed shall constitute the Contractor's authority to enter upon the Project Area, provided the Contractor has submitted to the Owner, and the Owner has accepted and approved, the insurance certificates required under Subsection 00620 and a preconstruction conference has been held. Construction operations shall not begin until the Contractor has supplied, and the Architect has accepted, the Progress Schedule and other certifications, forms, schedules, and any other Submittals required by the Contract Documents.

The Contractor is not entitled to additional compensation or extension of Contract Time for any delay, hindrance, or interference caused by or attributable to commencement of Work within 30 days following the Notice to Proceed.

The Contractor shall give the Architect at least 72 hours advance notice in writing of its intention to start construction operations.

01310.4 Progress Schedule and Prosecution of the Work.

As part of the bid submission, the Contractor shall furnish a proposed Progress Schedule showing the order in which the Contractor proposes to prosecute the Work; the dates on which the various work stages, operations, and principal items of Work including procurement of materials will begin; the quantity and kinds of equipment and character of the labor force; and the contemplated dates for completing the same.

Construction operations shall not begin until the Progress Schedule has been approved. Five Working Days will be required for review and approval of progress. Once the Progress Schedule has been approved, the Contractor shall not deviate from it without first notifying the Architect in writing.

In scheduling and executing the Work, the following shall be considered:

- 1. Mobilization and Staging.** The Contractor shall schedule the Work using such procedures and staging as may be specified in the Contract Documents. The Contractor is responsible for obtaining a construction trailer, if needed, and a site location for the trailer. The contractor shall also obtain facilities for storage of materials and equipment.
- 2. Prosecution of the Work.** The Contractor shall provide sufficient materials, equipment, and labor to guarantee the completion of the Project according to the Contract Documents and within the time set forth under Subsection 01310.10 (Time of Completion).

If the Contractor falls ten percent or more of the total project time behind the submitted schedule, the Contractor shall submit a revised schedule for approval.

Should the Contractor discontinue the prosecution of the Work for any reason, it shall notify the Architect, in writing, before discontinuing work and at least 24 hours before resuming operations.

The Contractor shall arrange and prosecute the Work so that each successive construction operation at each location shall follow the preceding operation as closely as the requirements of the various types of construction permit to facilitate the efficient and effective completion of the Project in accordance with the Progress Schedule.

Compensation for additional expense to the Contractor and allowance of additional time for completion of the Work shall be as set forth in a Change Order or Supplementary Agreement or according to Subsection 01310.11 (Extensions and Reductions of Contract Time).

- 3. Intent, Responsibility and Time.** Scheduling of construction is the responsibility of the Contractor. Therefore, it is the Contractor's responsibility to determine the most feasible order of Work commensurate with the Contractor's abilities and the Contract Documents. The requirement for the Progress Schedule is included to ensure adequate planning and execution of the Work, to assist the Architect in appraising the Contractor's compliance with the Contract Documents, and to evaluate progress of the Work. The Progress Schedule will be used for determining extensions or reductions of Contract Time pursuant to Subsection 01310.11.

It is not intended that the Architect, by approving the Progress Schedule, agrees that it is reasonable in all respects or that following the Progress Schedule can result in timely completion of the Project. The Progress Schedule is not a part of the Contract.

If, in the preparation of the Progress Schedule, the Contractor projects a completion date that is different than that specified under Subsection 01310.10, this in no way voids the date set therein. The date as specified in that Subsection governs. Where the Progress Schedule reflects a completion date that is earlier than that specified as the Contract Time, the Architect may approve the schedule with the Contractor specifically understanding that no claim for additional Contract Time or compensation shall be brought against the Owner as the result of failure to complete the Work by the earlier date shown on the Progress Schedule.

- 4. Acceleration and Default.** If, in the opinion of the Architect, the Contractor falls behind its Progress Schedule, and cannot complete the Work within the time prescribed under Subsection 01310.10, as modified pursuant to Subsection 01310.11, the Contractor shall take such steps as may be necessary to improve its progress. The Architect may require the Contractor to increase

the number of shifts, begin overtime operations, work extra days including weekends and holidays, or supplement its equipment and materials, and to submit for approval such supplementary schedule or schedules, as may be deemed necessary to demonstrate the manner in which the agreed rate of progress shall be regained, all at no cost to the Owner.

Failure of the Contractor to comply with the requirements of the Architect under this Subpart is grounds for the determination that the Contractor is not prosecuting the Work with such diligence as to ensure Completion within the time specified. Upon such determination, the Architect may terminate the Contractor's right to proceed with the Work or any separable part thereof according to Subsection 01310.14 (Temporary Suspension of Work).

5. **Types of Progress Schedules.** All Progress Schedules shall comply with the foregoing provisions of this Subsection. Regardless of the type of progress schedule used, the Contractor shall supply the Architect with a weekly work schedule indicating the Contractor's planned work, the subcontractors' planned work, and the dates when materials are to be delivered.
6. **Cost Savings Opportunities.** During the prosecution of the Work, Contractor shall identify and present to the Architect and Owner cost saving opportunities, if any, to reduce the Total Contract Price. To incent Contractor to diligently work to identify such opportunities, if Owner agrees to implement such opportunities, the savings actually realized by the Owner shall be shared equally by and between the Owner and Contractor, and the Total Contract Price shall be reduced accordingly. If during the prosecution of the Work, Owner identifies cost savings opportunities, the savings actually realized from the execution thereof shall be shared by the Owner and Contractor, as the parties mutually agree, with such sharing agreement to account solely for the direct costs that Contractor has incurred and paid that the Contractor cannot receive credit, obtain reimbursement or otherwise avoid. Contractor's claim for cost sharing under this subpart shall be accompanied by sufficient documentation so that the Architect can validate the request. Prior to Owner's execution of the Contract, Owner may identify cost saving opportunities that reduce or eliminate costs, and the Owner shall not be responsible to the Contractor for any costs and shall receive one-hundred percent of the benefit of all such pre-execution opportunities that Owner identifies, and the Total Contract Price shall be reduced accordingly.

01310.5 Project Meetings.

1. Pre-Construction Meeting at Owner's Office

Prior to the issuance of the Notice to Proceed, a pre-construction meeting will be coordinated by the Architect. In attendance shall be an authorized representative of the Owner, the Architect, and the Contractor's Project Manager. The agenda of the meeting will include without limitation, the following topics:

- Introductions;
- The Architect's role on the Project and respective duties to the Owner and Contractor;
- Mobilization, Staging Areas, and Equipment Storage;
- Responsibility for the safety of the public;
- Working Hours;
- Coordination between contractors (if applicable);
- Discussion of structure buffers within the Project Area (if applicable);
- Notification procedures in emergencies. Preparation of list of contacts and telephone numbers for notification during emergencies;
- Municipal approvals, if any;
- Project Access Locations, and visits to each such location;
- Project schedule and procedures for written correspondence to alert of delays due to weather or other impacts outside of the Contractors controls;
- Identification of the Project Team and meeting frequency.

2. Weekly to Bi-Weekly Project Meetings

During the execution of the Work, project meetings shall be held every week with the Project Team to discuss the Project's progress. Specifically, these meetings will address the progress of the Work, with an emphasis on ensuring that the Work is consistent with the Project Plans, discussions of the Progress Schedule and any adjustments that may need to be made to the preliminary schedule prepared as part of these Specifications, Change Orders, unforeseen conditions, discussions regarding payment schedule and any other issues of concern. As the Work progresses and at the discretion of the Owner, these meetings may be extended to bi-weekly meetings. This meeting will be held at the Owner's Office or at such location as the Owner may agree.

3. Monthly Meetings

Monthly meetings will be held inviting all parties involved in the initial Pre-Construction Meeting. The agenda will be the same as the Pre-Construction meeting, but will include observations of the Work and recommendations to modify the procedure of Work to meet any concerns.

4. Minutes of Meetings

The Contractor is required to attend all meetings outlined in the Contract, or as reasonably requested by the Architect. The Architect shall record and maintain the Minutes of all meetings outlined in the Contract, and provide copies thereof to the parties in attendance prior to the next scheduled meeting.

01310.6 Limitation of Operations.

The Contractor shall conduct the Work at all times in such a manner and in such sequence that shall ensure the least interference with the surrounding community, boardwalk pedestrian traffic, and other contractors, if any. The Contractor shall conduct Work during Standard Working Hours. If the Contractor is expecting to work hours greater than this specified time period, written permission from the Owner must be obtained prior to commencement of such work.

01310.7 Character of Workers, Methods, and Equipment.

The Contractor shall at all time employ sufficient labor and equipment for prosecuting the Work to full completion in the manner and time required by the Contract Documents.

All workers shall have sufficient skill and experience to properly perform the work assigned to them. Workers engaged in special work or skilled work shall have sufficient experience in that work and in the operation of the equipment required to perform the Work satisfactorily, in accordance with the best practices in the industry.

Any person employed by the Contractor or by any subcontractor who, in the opinion of the Architect, does not perform Work in a proper and skillful manner or is intemperate or disorderly shall, at the written request of the Architect, be promptly removed by the Contractor or subcontractor employing the person and shall not be again employed in any portion of the Work without approval. Should the Contractor fail to remove such person or persons as required, or fail to furnish suitable and sufficient personnel for the proper prosecution of the Work, the Architect may suspend the Work by written notice until compliance with such orders, and if so suspended and in the absence of such compliance, the Owner shall have all its rights and remedies as outlined in the Contract.

All equipment that is proposed to be used on the Work shall be of sufficient size and in such mechanical condition as to meet the requirements of the Work and to produce a satisfactory quality of Work, in accordance with best practices in the industry. Equipment used on any portion of the Project shall not cause damage to, adjacent property, the boardwalk or boardwalk ramps, for which the Contractor shall be solely responsible.

When the methods and equipment to be used by the Contractor in accomplishing the construction are not specified, the Contractor is free to use any methods or equipment that accomplishes the Work. When the use of certain methods and equipment is specified, the specified methods and equipment shall be used unless otherwise authorized according to Subsection 01451.12 (Substitutes or "Or Equal" Items).

01310.8 Working Site.

Except as otherwise provided, any space that the Contractor may require for plant, equipment, storage, or other purposes in addition to that available at the Project Area, shall be procured by the Contractor, and the cost thereof shall be borne by the Contractor with no increase to the Total Contract Price. In the event of default as set forth in Subsection 01310.16, the Owner has the right to take over and occupy such space, or cause it to be occupied, for the purpose of completing the Project, at the Contractor's expense.

The Contractor shall not use the Boardwalk or the Boardwalk ramps as working sites or storage areas for materials or equipment, and shall make every reasonable effort to maintain a safe and efficient working distance from such areas.

01310.9 Unusual Site Conditions.

During the progress of the Work, if latent physical conditions are encountered at the Project Area differing materially from those indicated in the Contract or if unknown physical conditions of an unusual nature, differing materially from those ordinarily encountered and generally recognized as inherent in the work provided for in the Contract are encountered at the site, the party discovering such conditions shall promptly notify the Architect in writing of the specific differing conditions before they are disturbed and before the affected work is performed.

Upon written notification, the Architect will investigate the conditions, and if the Architect determines that the conditions materially differ and could not have been discovered by the Contractor pursuant to Subsection 00630.5 (Examination of Contract Documents and Site of Project) and if they cause an increase or decrease in the cost or time required for the performance of any work under the Contract, an adjustment, excluding loss of anticipated profits, will be made and the Contract modified in writing accordingly. The Architect will notify the Contractor of the Architect's determination whether or not an adjustment of the Contract is warranted. Adjustments in Contract Time will be made pursuant to Subsection 01310.11. Adjustments in compensation will be made pursuant to Subsections 00700.4, 00700.5, 00700.7, 00700.8, and 00700.10.

No Contract adjustment that results in a benefit to the Contractor will be allowed unless the Contractor has provided the required written notice herein. No Contract adjustment will be allowed under this clause for any effects caused on unchanged work.

01310.10 Time of Completion.

The Contractor shall complete all or any portion of the Project called for under the Contract in all parts and requirements within the time or times for completion outlined in the Specification. Time is of the essence as to all time frames stated in the Contract Documents; therefore, all time frames shall be strictly enforced.

Contract Time is 90 Calendar Days counting from the date of the Notice to Proceed, including all Saturdays, Sundays, holidays, and non-work days.

01310.11 Extensions and Reductions of Contract Time.

- A. Basis for Extension.** Where appropriate under the provisions of this Subsection, extensions or reductions to the Contract Time may be provided by Change Order, however, such extensions or reductions will be allowed only to the extent that, the increase or decrease in the Work, or delays of the types indicated below affect current controlling operations and the overall Completion. Increases or decreases in Work or such delays that do not affect the overall Completion are not to be the basis for reduction or extension of Contract Time. Extensions of Contract Time will not be granted under this Subsection where it is determined that the Contractor could have avoided the circumstances that caused the request for extension.

If the Contractor is delayed in completion of the Work by reason of changes made under Subsection 00700.4 (Changes), or by failure of the Owner to acquire easements, permits or other approvals, or by any act of other contractors consistent with Subsection 01450.10 (Cooperation Between Contractors), or the discovery of hazardous substances, or by any act of

the Architect or of the Owner not contemplated by the Contract, an extension of Contract Time commensurate with the delay in overall completion of the Contract thus caused will be granted, and the Contractor is relieved from any claim for liquidated damages or the Architect and inspection charges.

Additionally, the Contractor may be granted an extension of Contract Time and not be assessed liquidated damages or the costs of the Architect and inspection for any portion of the delay in overall completion of the Work beyond the time provided in Subsection 01310.10 caused by the following reasons:

1. acts of civil or military authorities, war, or riot;
2. fire;
3. floods, tidal waves, earthquakes, cyclones, tornadoes, hurricanes, or other cataclysmic natural phenomenon;
4. extreme weather conditions;
5. epidemics or quarantine restrictions;
6. strikes or labor disputes beyond the control of the Contractor which prevent work on the construction operations which are critical to the completion of the Project;
7. shortages of materials [Subpart 01310.11(B)(1)] or freight embargoes;
8. acts of the State in its sovereign capacity;
9. failure of the Architect to furnish interpretations of the Contract Documents [Subpart 01310.11(B)(2)].

B. Criteria for Evaluation. Extension of Contract Time for the reasons set forth in this Subsection will not be granted unless the Contractor has notified the Architect in writing of the causes of delay within 5 days from the beginning of any such delay. The Architect will evaluate the facts and the extent of the delay, and upon approval, will extend the Contract Time one day for each approved day of delay.

1. Extensions of Contract Time will not be granted for a delay caused by a shortage of materials unless the Contractor furnishes:
 - a. documentary proof that it has diligently made every effort to obtain such materials from all known sources within reasonable distance from the Work, and
 - b. further proof in the form of a supplementary Progress Schedule, as required in Subsection 01310.4, showing that the inability to obtain such materials when originally planned, did, in fact, cause a delay in completion of the Contract which could not be compensated for by revising the sequence of the Contractor's operations. The term "shortage of materials" applies only to raw and fabricated materials, articles, parts, and equipment that are standard items and does not apply to materials, parts, articles, or equipment, which are processed, made, constructed, fabricated, or manufactured to meet the specific requirements of the Contract. Only the physical shortage of materials and not the cost of materials will be considered.
2. Extensions of Contract Time will not be granted for failure of the Architect to furnish interpretations of the Contract Documents until 10 days after receipt of such demand in writing as required by Subsection 00700.9 (Changes in Character of Work), and not then unless such request for an interpretation of the Contract Documents is reasonable and made in good faith, and the failure to respond was unwarranted.

Except where specifically provided in the Contract Documents, the Contractor shall not make any claim for damages or additional compensation for any delay in or hindrance to the performance of the Contract occasioned by any act or omission to act by the Owner or any of its representatives, or for any of the reasons enumerated in this Subsection, and agrees that any such claim shall be fully compensated for by an extension of Contract Time to complete performance of the Work.

Extensions of Contract Time will not be granted due to delays caused by, or in any way related to, the financial condition of the Contractor, subcontractors, sub-subcontractors, materialmen, fabricators, or suppliers. The Contractor and its surety assume full responsibility for ensuring that the financial condition of any of the above does not delay completion of the Contract.

If, as a result of modifications made under Subsection 00700.4, 00700.7, 00700.8, or 01310.9, the Work required is reduced or altered so that the time required for Completion is reduced, the Architect may reduce the Contract Time provided under Subsection 01310.10. The Architect will evaluate the facts and the extent of the reduction. The Architect's findings thereon will be final and conclusive.

The Contractor and surety are not relieved of liability for liquidated damages or the Architect and inspection charges for any period of delay in Completion in excess of that expressly provided for in this Subsection.

01310.12 RESERVED

01310.13 Suspension of Work for Convenience of the Owner.

The Architect may order the Contractor, in writing, to suspend, delay, or interrupt all or any part of the Work for such period of time as the Architect may determine to be appropriate for the convenience of the Owner.

If the performance of all or any portion of the Work is suspended, delayed, or interrupted by the Architect in writing for an unreasonable period of time (not originally anticipated, customary, or inherent to the construction industry) and the Contractor believes that additional compensation or Contract Time or both are due as a result of such suspension, delay, or interruption, the Contractor shall submit to the Architect in writing a request for adjustment within five (5) Calendar Days of receipt of the notice to resume Work. The request shall set forth the reasons and support for such adjustment.

Upon receipt, the Architect will evaluate the Contractor's request. If the Architect agrees that the cost or time or both required for the performance of the Contract have increased as a result of such suspension and the suspension was caused by conditions beyond the control of and not the fault of the Contractor, its suppliers, or subcontractors, and not caused by weather, the Architect will make an adjustment (excluding profit) and prepare the written modification of the Contract accordingly. The Architect will determine and notify the Contractor whether or not an adjustment of the Contract is warranted. Adjustments in Contract Time will be made pursuant to 001310.11.

Adjustments in compensation will be made pursuant to 00700.4, 00700.5, 00700.7, 00700.8, and 00700.10.

No Contract adjustment will be considered unless the Contractor has submitted the request for adjustment within the time prescribed.

No Contract adjustment will be allowed under this clause to the extent that performance would have been suspended, delayed, or interrupted by any other cause, or for which an adjustment is provided for or excluded under any other term or condition of the Contract.

The failure of the Architect to consider the Work suspended and to allow for an adjustment in the compensation or in the Contract Time will not bar recovery under the foregoing provisions, provided the Contractor gives written notice to the Architect within ten (10) days of the start of the alleged suspension. The failure of the Contractor to give such notice pursuant to the provisions of this Subsection shall constitute a waiver of any and all claims and damages which would have been avoided or mitigated had such timely notice been given.

01310.14 Temporary Suspension of Work.

The Architect has the authority to suspend the Work, wholly or in part, for such period as deemed necessary due to unsuitable weather, or for such time as deemed necessary due to the failure on the part of the Contractor to carry out orders given or to perform any provision of the Contract. The Contractor shall promptly comply with the written order of the Architect to suspend the Work wholly or in part. The

suspended work shall be resumed when conditions are favorable and methods are corrected, as ordered or approved in writing.

In the event that a suspension of Work is ordered as provided above, and should such suspension be ordered by reason of the failure of the Contractor to carry out orders or to perform any provision of the Contract; or by reason of weather conditions being unsuitable for performing any item or items of Work, which work, in the sole opinion of the Architect, could have been performed before the occurrence of such unsuitable weather conditions had the Contractor diligently prosecuted the Work when weather conditions were suitable; the Contractor, at its expense, shall do all the work necessary to provide a safe, smooth, and unobstructed passageway through the construction area for use by public traffic during the period of such suspension. In the event that the Contractor fails to perform the work above specified, the Owner will perform such work and the cost thereof will be deducted from any monies due or that may become due the Contractor. In the event that a suspension of Work is ordered by the Architect due to unsuitable weather conditions and, in the sole opinion of the Architect, the Contractor has prosecuted the Work with energy and diligence before the time that operations were suspended, the cost of providing a smooth and unobstructed passageway through the Work will be paid for as Extra Work, or, at the option of the Architect, such work will be performed by the Owner or different Contractor working for the Owner at no cost to the Contractor.

If the Architect orders a suspension of all of the Work or a portion of the Work, which is the current controlling operation or operations, due to unsuitable weather, the days on which the suspension is in effect are not considered Working Days on Working Day contracts. If a portion of Work at the time of such suspension is not a current controlling operation or operations, but subsequently does become the current controlling operation or operations, the determination of Working Days will be made on the basis of the then current controlling operation or operations. Similarly, on Calendar Day and specified completion date contracts, extensions of Contract Time will be granted only if the suspension affects the overall completion of the Contract and the other requirements of Subsection 01310.11 are satisfied.

If a suspension of Work is ordered by the Architect due to the failure on the part of the Contractor to carry out orders given or to perform any provision of the Contract, the days on which the suspension order is in effect are to be considered Working Days if such days are Working Days within the meaning of the definition set forth in Subsection 00700.2 (Terms). On Calendar Day and specified completion date contracts, extensions of Contract Time will not be granted due to such suspension.

The Contractor shall have no claim for additional compensation as a result of suspension ordered for the reasons set forth in this Subsection.

01310.15 Failure to Complete on Time.

The Contractor and the Owner recognize that delay in Completion results in damages to the Owner in terms of the effect of the delay on the use of the Project, upon the convenience of the Property Owners, and also results in additional costs to the Owner for Architect, inspection, and administration of the Contract. Because it is difficult or impossible to accurately estimate the damages incurred, and not intended as a penalty or fine but rather as an agreed-upon estimate of actual damages, the parties agree that if the Contractor fails to complete the Contract within the time stated in the Specification, or within such further time as may have been granted according to the provisions of the Contract, the Contractor shall pay the Owner liquidated damages in the amount of \$1,000 per day for each day beginning on the first day after the approved date of Substantial Completion. Such liquidated damages shall be paid for each and every day, as hereafter, defined that the Contractor is in default to complete the Contract.

01310.16 Events of default.

The following shall constitute events of default under this Agreement:

1. Contractor fails to begin the Work under the Contract within the time specified in Subsection 01310.3 (Commencement of Work); or
2. Contractor fails to perform the Work with sufficient workers and equipment or with sufficient materials to ensure its completion within the Contract Time specified, or any extension thereof;
or

3. Contractor fails to complete the Contract within the Contract Time specified, as extended; or
4. Contractor performs the Work unsuitably or neglects or refuses to remove materials or to again perform such Work as may be rejected as unacceptable and unsuitable; or
5. Contractor discontinues the prosecution of the Work; or
6. Contractor fails to resume Work which has been discontinued within a reasonable time after notice to do so; or
7. Contractor becomes insolvent or is declared bankrupt, or commits any act of bankruptcy or insolvency; or
8. Contractor allows any final judgment to stand against it unsatisfied for a period of ten (10) days; or
9. Contractor makes an assignment for the benefit of creditors; or
10. Contractor fails to acquire or maintain the required insurance; or
11. Contractor fails to comply with applicable laws and regulations governing its conduct of business in the State of New Jersey and under this Contract; or
12. Contractor is a party to fraud; or
13. Contractor for any other cause whatsoever, fails to carry out the Work in an acceptable manner;

01310.17 OWNER REMEDIES UPON EVENT OF DEFAULT.

The Architect will give written notice to the Contractor of Event of Default under Section 01310.16 and demanding the immediate elimination of such event of default. The Contractor, shall correct said event of default within a period of ten (10) days after such notice. If the contractor fails to cure said event of default the Owner shall, in its sole discretion, have the following remedies:

- a. Issue a Notice of Default to the Contractor and Surety.
- b. Appropriate any or all materials and equipment on the site as may be suitable and acceptable and may direct the Surety to complete the Contract.
- c. Appropriate any or all materials and equipment on the site as may be suitable and acceptable and enter into an agreement for the completion of the Contract according to the terms and provisions thereof with another contractor
- d. Use such other methods required for the completion of the Contract, including completion of the Work by the Owner.

The Contractor and Surety are not relieved of the assessment of liquidated damages under Subsection 01310.15 because of the Contractor's default.

All costs and charges incurred by the Owner, together with the cost of completing the Work, will be deducted from any monies due or that may become due the Contractor and Surety. If such expense exceeds the sum that would be available from such monies, then the Contractor and the Surety shall be liable and shall pay to the Owner the amount of such excess.

The rights and remedies of the Owner herein are in addition to any other rights and remedies provided by law or under the Contract and the Bonds.

If, after notice of default under the provisions of this Subsection, it is determined for any reason that the Contractor was not in default or that the delay was excusable, the rights and obligations of the parties are the same as if the notice of termination for convenience had been issued pursuant to Subsection 01310.17.

Where the Owner's default of the Contractor pursuant to the provisions of this Subsection is found by a court to be legally improper, the Contract will be treated as if terminated for convenience pursuant to Subsection 01310.17 and such termination is to be compensated for according to provisions of Subsection 01310.17.

01310.18 Termination of Contract for convenience of Owner.

The Owner may, by written order, terminate the Contract or any portion thereof for convenience after determining that for reasons beyond the Contractor's control, the Contractor is unable to proceed with or complete the Work as contracted for, or that termination is in the Owner's interest.

Upon receipt of an Order of Termination for convenience, the Contractor shall not proceed with any item of Work that is not specified in the Order of Termination. The Contractor shall complete all items of Work specified in the termination order. Such Work shall include punch list items and all Work necessary to ensure the safety of the public, to properly secure existing work already constructed or partially constructed, and to secure the Project Area. This work so ordered shall be performed according to the Contract Documents and may include items of work not in the original Contract. The Contract shall be considered substantially complete upon completion and acceptance of all items of Work specified in the Order of Termination, except punch list items. After completion of the punch list items and all documents required by the Contract, the Contract shall terminate upon issuance of a Final Certificate and payment. The Owner reserves the right to declare in default a Contractor who fails to carry out the conditions set forth in an Order of Termination for convenience.

When the Owner orders termination of the Contract for convenience, all completed items of Work as of that date will be paid for based on the number of units completed and the Contract unit price, or for items of work performed on a lump sum basis, based on the percentage of the lump sum item of work performed. Items that are eliminated in their entirety by such termination will not be paid for.

Materials obtained by the Contractor for the Work but which have not been incorporated therein may, at the option of the Architect, be purchased from the Contractor at actual cost delivered to a prescribed location or otherwise disposed of as mutually agreed.

Within 45 days of the effective termination date, the Contractor shall submit claims for additional costs actually incurred not covered above or elsewhere in the Specifications. Such claims may only include 1) reasonable mobilization efforts, 2) subcontractor costs not otherwise paid for, and 3) guaranteed payments for private land usage as part of the original Contract. Claims shall not include lost profits or expectation profits from work eliminated by the termination for convenience.

In terminating a Contract pursuant to this Subsection:

1. The Contractor shall make cost records available to the extent necessary to determine the validity and amount of each item for which it seeks compensation.
2. The Contractor shall not be relieved of contractual responsibilities for the Work completed, nor shall the surety be relieved of its obligations for and concerning any just claim arising out of the Work performed.
3. The Contractor shall, if so directed by the Architect, remove promptly any or all of its equipment and supplies from the Project Area or other property of the Owner. If the Contractor fails to remove the equipment and supplies as directed, the Architect may remove such equipment and supplies at the expense of the Contractor.

01310.19 TERMINATION OF CONTRACT FOR CAUSE.

The Owner may also, by written order, terminate the Contract or any portion thereof for cause after determining that reasons for default as stated in Subsection 01310.16 exist. The decision whether to terminate for cause or declare the Contractor in default will be made in the sole discretion of the Owner acting in its own best interest. Before the issuance of an Order of Termination for cause, the Architect will give written notice to the Contractor and Surety of the causes for the proposed termination. The notice will demand the elimination of such causes.

If the Contractor or Surety, within a period of ten days after such notice, does not proceed in accordance therewith, the Owner may terminate the Contract for cause.

The Order of Termination for cause will terminate the Contractor's right to proceed with any items of Work except as specified in the termination order. Such work will include punch list items and all work

necessary to ensure the safety of the public, to properly secure existing work already constructed or partially constructed, and to secure the Project Area. This work so ordered shall be performed according to the Contract Documents and may include such items of Work not in the original Contract. Substantial Completion shall occur when all Work specified in the termination order, except for punch list items, is complete and accepted by the Architect. After the completion of all punch list items and all documents required by the Contract, the Contract shall terminate upon issuance of a Final Certificate and payment.

When the Owner terminates the Contract for cause, all completed items of Work as of that date will be paid for at the Contract price. Payment for partially completed work will be made based on the unit prices or portion thereof provided that such payment does not exceed the Contract price of the Pay Item under which the Work was performed. Items that are eliminated in their entirety by such termination will not be paid for. No other costs will be allowed to the Contractor.

In terminating a Contract for cause, the Owner does not waive its right to sue the Contractor for any costs incurred by the Owner as a result of the termination, including the additional costs of completing the Project. The Owner reserves the right to declare in default a Contractor who fails to carry out the conditions set forth in an Order of Termination for cause.

Where the Owner's termination of the Contract for cause pursuant to the provisions of this Subsection is found by a court to be legally improper, the termination of the Contract for cause will be treated as if it had been a termination for convenience, and such termination is to be compensated for according to the provisions of this Subsection governing terminations for convenience.

In terminating a Contract pursuant to this Subsection:

1. The Contractor shall make cost records available to the extent necessary to determine the validity and amount of each item for which it seeks compensation.
2. The Contractor shall not be relieved of contractual responsibilities for the Work completed, nor shall the surety be relieved of its obligations for and concerning any just claim arising out of the Work performed.
3. The Contractor shall, if so directed by the Architect, remove promptly any or all of its equipment and supplies from the Project Area or other property of the Owner. If the Contractor fails to remove the equipment and supplies as directed, the Architect may remove such equipment and supplies at the expense of the Contractor.

01330 Submittal Schedule

PART 2 GENERAL

2.1 SUMMARY

- A. Section includes:
 1. Submittal procedures.
 2. Construction progress schedules.
 3. Proposed products list.
 4. Product data.
 5. Shop drawings.
 6. Samples.
 7. Design data.
 8. Test reports.
 9. Certificates.
 10. Manufacturer's instructions.
 11. Manufacturer's field reports.
 12. Construction photographs.

2.2 SUBMITTAL PROCEDURES

- A. Transmit each submittal with Architect accepted form.
- B. Identify each submission with submission item number indicated on submission schedule in the form nnnnn-xx. Where nnnnn is the specification section number and xx is a sequential number of the submission within that specification section. Resubmittals to have original number with a sequential alphabetic suffix.
- C. Identify Project, Contractor, subcontractor and supplier; pertinent drawing and detail number, and specification section number, as appropriate.
- D. Apply Contractor's stamp, signed or initialed certifying that review, approval, verification of products required, field dimensions, adjacent construction Work, and coordination of information is in accordance with the requirements of the Work and Contract Documents.
- E. Schedule submittals to expedite the Project. Coordinate submission of related items for delivery at the same time.
- F. Identify variations from Contract Documents and product or system limitations which may be detrimental to successful performance of the completed Work.
- G. Provide space for Contractor and Architect review stamps.
- H. When revised for resubmission, identify all changes made since previous submission.
- I. Distribute copies of reviewed submittals to affected parties. Instruct parties to promptly report any inability to comply with requirements.
- J. Submittals not requested will not be recognized or processed.
- K. Contractor may request use of Architect's electronic files for the sole purpose of preparing shop drawing submittals. Submit request listing specific drawings required with executed copy of electronic file release document attached to this section. Architect will transmit electronic files upon approval by Owner.

2.3 SUBMITTAL PROCESSING

- A. Allow sufficient review and transmittal time for each submittal so the Work is not delayed as a result of time required to process submittals, including time for re-submittals.
- B. Allow two weeks for initial review. Allow additional time if processing must be delayed to permit coordination with subsequent submittals. The Architect will promptly notify the Contractor when a submittal being processed must be delayed for coordination.
- C. When an intermediate submittal is necessary, process the same as the initial submittal.
- D. Allow two weeks for processing each re-submittal.
- E. No extension of Contract Time will be permitted because of failure to transmit submittals to Architect sufficiently in advance of the Work to permit processing.

2.4 PRELIMINARY SUBMITTALS

- A. Submit the following items in triplicate prior to executing Owner-Contractor Agreement.
 - 1. Certificates of insurance.
 - 2. Performance bonds.
 - 3. Payment bonds.

- B. Submit three copies of applications for building permits and other required certifications and licenses within 15 days after date of Owner-Contractor Agreement. Submit three copies of resulting permits, certifications, and licenses issued by authorities having jurisdiction.

2.5 CONSTRUCTION PROGRESS SCHEDULES

- A. Submit initial schedules within 15 days after date established in Notice to Proceed. Revise and resubmit schedule as required.
- B. Submit revised schedules with each Application for Payment, identifying changes since previous version.
- C. Distribute copies of reviewed schedules to Project site file, subcontractors, suppliers, and other affected parties.
- D. Instruct recipients to promptly report, in writing, problems anticipated by projections indicated in schedules.
- E. Submit a horizontal bar chart with separate line for each major portion of Work or operation section of Work, identifying first work day of each week.
 - 1. Show complete sequence of construction by activity, identifying Work of separate stages and other logically grouped activities.
- F. Indicate estimated percentage of completion for each item of Work at each submission.
- G. Revisions To Schedules:
 - 1. Indicate progress of each activity to date of submittal, and projected completion date of each activity.
 - 2. Identify activities modified since previous submittal, major changes in scope, and other identifiable changes.
 - 3. Provide narrative report to define problem areas, anticipated delays, and impact on Schedule. Report corrective action taken, or proposed, and its effect including the effect of changes on schedules of separate contractors.

2.6 SUBMITTAL SCHEDULE

- A. Submit schedule for Project submittals within 15 days after date established in Notice to Proceed for review and approval.
 - 1. Indicate submittal dates required for shop drawings, product data, samples, and product delivery dates, including those furnished by Owner.
 - 2. Update and resubmit schedule as specified for construction progress schedules.
- B. Submittal Schedules:
 - 1. Indicate dates submittals are due to Architect and dates for return to Contractor.
 - 2. Sequentially number submittals.
 - 3. Schedule submittal separately, organized by specification section number.
 - 4. Title transmittals to match submittal item in the submittal schedule. Use submittal schedule item number (i.e. 04100-xx) as reference number on submission transmittals.
 - 5. Identify critical path items to expedite review. Architect will endeavor to review critical path items in 10 working days.

2.7 PROPOSED PRODUCTS LIST

- A. Within 15 days after date established in Notice to Proceed, submit list of major products proposed for use, with name of manufacturer, trade name, and model number of each product.

- B. When proposed products are one of the products specified by manufacturer, and model number, additional submittals for that product are not required except as follows:
 - 1. Shop drawings are required for products specially fabricated to size or configuration to comply with project conditions.
 - 2. Samples are required for products where color, texture, finish, pattern and other selections must be made.
 - 3. Manufacturer's Installation Instructions are required for products where specified.
- C. For products specified only by reference standards, give manufacturer, trade name, model or catalog designation, and reference standards.

2.8 PRODUCT DATA

- A. Product Data: Submit for review for the limited purpose of checking for conformance with information given and the design concept expressed in the contract documents.
- B. Submit product data in quantities specified in schedule at end of this Section. Two copies will be returned.
- C. Mark each copy to identify applicable products, models, options, and other data. Supplement manufacturers' standard data to provide information specific to this Project.
- D. Indicate product utility and electrical characteristics, utility connection requirements, and location of utility outlets for service for functional equipment and appliances.
- E. Material Safety Data Sheets (MSDS) are not permitted as submittal.
 - 1. When requested by Owner, submit MSDS directly to Owner.
- F. After review provide and distribute copies in accordance with SUBMITTAL PROCEDURES article and for record documents described in Section 01700.

2.9 SHOP DRAWINGS

- A. Shop Drawings: Submit to Architect for review for the limited purpose of checking for conformance with information given and the design concept expressed in the Contract Documents.
- B. Indicate utility and electrical characteristics, utility connection requirements, and location of utility outlets for service for functional equipment and appliances.
- C. Submit shop drawings in the form and quantities as scheduled in this Section. Reproducible transparency will be returned.
- D. After review provide and distribute copies in accordance with SUBMITTAL PROCEDURES article and for record documents described in Section 01700.

2.10 SAMPLES

- A. Samples: Submit to Architect for review for the limited purpose of checking for conformance with information given and the design concept expressed in the Contract Documents.
- B. Samples For Selection as Specified in Product Sections:
 - 1. Submit to Architect for aesthetic, color, or finish selection.
 - 2. Submit samples of finishes from the full range of manufacturers' standard colors, textures, and patterns for Architect selection. Include custom colors and other Product characteristics where specified.

- C. Submit samples to illustrate functional and aesthetic characteristics of the product, with integral parts and attachment devices. Coordinate sample submittals for interfacing work where aesthetic selections are required so related samples are submitted at same time.
- D. Include identification on each sample, with full Project information.
- E. Submit the number of samples specified in individual specification sections; one of which will be retained by Architect.
- F. Reviewed samples which may be used in the Work are indicated in individual specification sections.

2.11 DESIGN DATA

- A. Submit for the Architect's knowledge as contract administrator or for the Owner in quantities as scheduled in this Section.
- B. Submit for information for the limited purpose of assessing conformance with information given and the design concept expressed in the Contract Documents.

2.12 TEST REPORTS

- A. Submit for the Architect's knowledge as contract administrator or for the Owner in quantities as scheduled in this Section.
- B. Submit test reports for information for the limited purpose of assessing conformance with information given and the design concept expressed in the Contract Documents.

2.13 CERTIFICATES

- A. When specified in individual specification sections, submit certification by the manufacturer, installation/application subcontractor, or the Contractor to Architect, in quantities as scheduled in this Section.
- B. Indicate material or product conforms to or exceeds specified requirements. Submit supporting reference data, affidavits, and certifications as appropriate.
- C. Certificates may be recent or previous test results on material or product, but must be acceptable to Architect.

2.14 MANUFACTURER'S INSTRUCTIONS

- A. When specified in individual specification sections, submit printed instructions for delivery, storage, assembly, installation, start-up, adjusting, and finishing, to Architect for delivery to Owner in quantities as scheduled in this Section.
- B. Indicate special procedures, perimeter conditions requiring special attention, and special environmental criteria required for application or installation.

2.15 MANUFACTURER'S FIELD REPORTS

- A. Submit reports for the Architect's benefit as contract administrator or for the Owner in quantities as scheduled in this Section.
- B. Submit report in duplicate within 5 days of observation to Architect for information.
- C. Submit for information for the limited purpose of assessing conformance with information given and the design concept expressed in the Contract Documents.

2.16 CONSTRUCTION PHOTOGRAPHS

- A. Provide photographs of site and construction throughout progress of Work produced by experienced, commercial photographer, acceptable to Architect.
 - 1. Take photographs using digital format.
- B. Submit digital files with each Application for Payment.
- C. Take up to eight views from locations as directed by Architect indicating the relative progress of the Work, 10 days maximum prior to submitting each Application for Payment.
- D. Identify photographs with date, time, orientation, and project identification.
- E. Deliver digital files to Owner with project record documents. Catalog and index files in chronological sequence; provide typed table of contents.

PART 3 PRODUCTS

Not Used.

PART 4 EXECUTION

4.1 SUBMITTAL SCHEDULE

- A. Provide the following quantities of submittals unless a larger quantity is specified in individual sections of the specification when submittal are made directly to Architect.

Submittal Type	Copies Required	
	Architect	Owner's Representatives
1. Submittal Schedule	1	1
2. Construction Progress Schedule	1	1
3. Product Data 3 min. 6 max.	1	
4. Shop Drawings		
a. Reproducible Transparency	1	
b. Opaque Print	2	1
5. Samples 1 min. 2 max.		1
6. Design Data	2	1
7. Test Reports	2	1
8. Certificates	2	1
9. Manufacturers Instructions	2	1
10. Manufacturers Field Reports	2	1

Submittal Sheet Size: Except for templates, patterns and similar full-size drawings, provide submittals on sheets at least 8-1/2 x 11 inches, but no larger than 30 x 42 inches in size.

01360 Additional Legal Provisions

01360.1 Legal Jurisdiction and Governing Law.

Any action or proceeding arising hereunder shall be brought in the Courts of the State of New Jersey; provided, that if any such action or proceeding arises under the Constitution, the laws or treaties of the United States of America, or if there is a diversity of citizenship between the parties hereto, so that it is to be brought in a United States District Court, it shall be brought in the United States District Court for the District of New Jersey or any successor court thereto.

This Contract shall be governed by the laws of the State of New Jersey.

01360.2 Process for the Resolution of Contract Disputes.

In an effort to resolve any conflicts that arise during the construction of the Project or following the completion of the Project, before any action or proceeding is commenced, the Contractor and Owner agree that all disputes between them arising out of or relating to this Contract or the Project shall be submitted to nonbinding mediation unless the parties mutually agree otherwise. The parties agree to use a professional mediator from the American Arbitration Association, the International Institute for Conflict Prevention and Resolution (CPR Institute), or like organization selected by agreement or, absent agreement, through selection procedures administered by the CPR Institute. Within a period of forty-five (45) days after the request for mediation, the parties agree to convene with the Mediator, with business representatives present, for at least one session to attempt to resolve the dispute. In no event shall mediation delay commencement of an action or proceeding for more than 70 days, absent agreement of the parties, or interfere with the availability of emergency relief.

The Contractor and Owner further agree to include a similar mediation provision in all agreements with independent contractors and consultants retained for the Project and to require all independent contractors and consultants also to include a similar mediation provision in all agreements with their subcontractors, sub-consultants, suppliers and fabricators, thereby providing for mediation as the primary method for dispute resolution between the parties to all those agreements. All parties agree that they can be joined as a party in any mediation proceedings conducted pursuant to this Subsection.

01360.3 Laws to be Observed.

The Contractor shall keep fully informed of all Federal, State, and local laws, ordinances, and regulations, and all orders and decrees of bodies or tribunals having any jurisdiction or authority, which in any manner affect those engaged or employed on the Work, or which in any way affect the conduct of the Work. The Contractor shall at all times observe and comply with, and shall cause its agents and employees to observe and comply with, all such laws, ordinances, regulations, orders, and decrees and shall defend, protect, indemnify and save harmless the Owner, the Casino Licensee, and their respective members, directors, officers, and employees against any claim or liability arising from or based on the violation of any such law, ordinance, regulation, order, or decree, whether by the Contractor or the Contractor's agents or employees, subcontractors of any tier, suppliers, or materialmen. If any discrepancy or inconsistency is discovered between the Contract Documents and any such law, ordinance, regulation, order, or decree, the Contractor shall immediately report the same to the Architect in writing.

01360.4 Permits, Licenses, and Taxes.

The Contractor shall procure all permits, grants, and licenses, pay all charges, fees, and taxes, and give all notices necessary and incidental to the due and lawful prosecution of the Work except where the Owner has procured such permits, grants, or licenses for temporary or permanent construction. The Contractor shall advise the issuing agency or party of its proposed operations and obtain their cooperation and such supplemental permission as may be necessary. Before submitting its bid, the Contractor should obtain from the Owner all available information on the permits, grants, and licenses the Owner has obtained. Charges incurred by the Contractor for permits, grants, and licenses in connection with the Work shall be paid by the Contractor and shall be included in the Total Contract Price.

01360.5 Patented Devices, Materials, and Processes.

If any design, device, material or process covered by letters of patent or copyright is used in the Work, the Contractor shall provide for such use by suitable legal agreement with the patentee or owner. The Contractor shall assume all costs arising from the use of patented materials, equipment, devices, or processes used on or incorporated in the Work. The Contractor shall defend, indemnify, and save harmless the Owner, the Casino Licensee, any affected third party, or political subdivision (the "Indemnitees") from any and all claims for infringement by reason of the use of any such patented design, device, material, or process, or any trademark or copyright, and shall indemnify the Indemnitees for any costs, expenses, and damages which it may be obliged to pay by reason of an infringement, at any time during the performance of the Work or after Acceptance.

01360.6 Public Convenience and Safety.

The Contractor shall at all times conduct the Work to ensure the least possible obstruction to traffic in right-of-ways. The safety and convenience of the general public along the Project Area, and the protection of persons and property shall be provided for as specified under applicable laws and regulations.

The Contractor shall exercise precaution at all times for the protection of persons and property. The safety provisions of applicable laws, OSHA regulations, international building and construction codes, and the rules and regulations of the New Jersey Department of Labor shall be observed at all times.

01360.7 Barricades and Warning Signs.

In public right-of-ways, the Contractor shall provide, erect, and maintain all necessary barricades, suitable and sufficient lights, danger signals, signs, and other traffic control devices according to applicable laws and regulations, and shall take all necessary precautions for the protection of the Work and safety of the public. Within the Project Area, the Contractor shall take all necessary precautions to mitigate public access during non-working hours.

01360.8 RESERVED

01360.9 Independent Contractor.

The relationship of the Contractor to the Owner is that of an independent contractor, and Contractor, according to its status as an independent contractor, covenants and agrees that it shall conduct itself consistent with such status, that it shall neither hold itself out as nor claim to be an officer or employee of the Owner by reason hereof. The Contractor shall not, by reason hereof, make any claim, demand, or application to or for any right or privilege applicable to an officer or employee of the Owner, including, but not limited to, workers compensation coverage, unemployment insurance benefits, social security coverage, or retirement membership or credit.

01360.10 Third Party Beneficiary Clause.

It is specifically agreed between the parties executing the Contract that no provision of the Contract is intended to make the public or any member thereof a third party beneficiary hereunder, or to authorize anyone not a party to the Contract to maintain a suit for personal injuries or property damage pursuant to the terms or provisions of the Contract.

It is the further intent of the Owner and the Contractor in executing the Contract that no individual, firm, corporation, or any combination thereof, that supplies materials, labor, services, or equipment to the Contractor for the performance of the Work becomes thereby a third party beneficiary of the Contract.

01360.11 Assignment of Contract Funds and Claims.

The Contractor shall not transfer or assign to any party any contract funds, due or to become due, or claims of any nature it has against the Owner, without the written approval of the Owner having first been obtained.

01360.12 Risks Assumed by the Contractor.

The Contractor assumes the following distinct and several risks, whether they arise from acts or omissions, whether negligent or not, of itself, its subcontractors, suppliers, materialmen, employees, agents, and all others working for the Contractor on the Project, and whether such risks are within or beyond the control of the Contractor as described in Subparts 1 through 4 below. The risks are as follows:

- 1. Risks of Loss or Damage to the Permanent Construction.** Until Acceptance, and within the limits of the Project Area, the Contractor shall bear the risk of all loss or damage to all permanent construction and temporary construction performed under this Contract and to materials, whether or not it has received payment for such construction or materials. The Contractor shall take every precaution, as allowed by the Contract against injury or damage to any part of the construction or to materials and equipment by the action of the elements, the traveling public, vandalism, or from any other cause, whether arising from the execution or the

non-execution of the Work. The Contractor shall promptly repair, replace, and make good any such damage or loss without cost to the Owner. The Contractor shall not bear such risk of loss or damage, which arises from acts of war or floods, tidal waves, earthquakes, cyclones, tornadoes, hurricanes, or other cataclysmic natural phenomenon unless such loss or damage is covered by insurance.

The Contractor shall, in furtherance of the above paragraph, but not by way of limitation, at the Contractor's expense, erect such temporary structures where necessary to protect the Work from damage. The Contractor shall assume the risks for failure to take such actions.

In case of suspension of the Work from any cause whatever, the Contractor shall continue to be responsible for the Project as provided above and shall take such precautions as may be necessary to prevent damage to the Project, and shall erect any necessary temporary structures, signs, or other facilities. If ordered by the Architect, the Contractor shall properly store, during such suspension of the Work, materials which have been partially paid for or furnished by the Owner. The Owner will be entitled to the possession of such materials, and the Contractor shall promptly return the same to the Project site when requested. The Contractor shall not dispose of any of the materials so stored except on written authorization. The Contractor shall be responsible for the loss of or damage to such materials.

- 2. Risks of Claims on Account of Injury, Loss, or Damage.** The Contractor shall bear the risk of claims, just or unjust, by third persons, including, without limitation, the Property Owners, made against the Contractor or the Owner, on account of injuries (including wrongful death), loss, or damage of any kind whatsoever arising or alleged to arise out of or in connection with the performance of the Work, except if the injury, loss or damages is caused by or results from the sole negligence of the Owner. The risk of claims, whether or not actually caused by or resulting from the performance of the Work or out of or in connection with the Contractor's operations or presence at or in the vicinity of the Project Area or Owner premises, whether such claims are made and whether such injuries, loss, and damages are sustained, applies at any time both before and after Acceptance.
- 3. Risks of Loss to Property of Those Performing the Work.** The Contractor shall bear the risk of loss or damage to any property of the Contractor, and of claims made against the Contractor or the Owner for loss or damage to any property of subcontractors, materialmen, workers, and others performing the Work, and to Property Owners or Tenants. Said risk occurs at any time before completion of removal of such property from the Project Area or the Owner's premises, or the vicinity thereof.
- 4. Risks of Claims Related to the Contractor's Safety and Health Program.** The Contractor shall bear the risk of any action from or alleged to arise from the Contractor's Safety and Health Program.

The Contractor shall indemnify and save harmless the Owner from any and all claims or alleged claims described in Subsections 2, 3, and 4 herein-above, and for all expense incurred by the Owner in the defense, including legal and related costs, settlement, or satisfaction thereof. If so directed, the Contractor shall at its own expense defend against such claims, in which event it shall not, without obtaining express advance permission from the Owner, raise any defense involving in any way jurisdiction of the tribunal, immunity of the Owner, or the provisions of any statutes respecting suits against the Owner.

The provisions of this Subsection are also for the benefit of the Casino Licensee, and all officers, agents, and employees of the Owner and Casino Licensee so that they have all the rights which they would have under this Subsection if they were named at each place under this Subsection at which the Owner is named, including a direct right of action against the Contractor to enforce the foregoing indemnity.

Neither Acceptance nor the making of final payment releases the Contractor from its obligations under this Subsection. Moreover, neither the enumeration in this Subsection nor the enumeration elsewhere in

this Contract of particular risks assumed by the Contractor or of particular claims for which it is responsible shall be deemed:

1. To limit the effect of the provisions of this Subsection or of any other provision of the Contract relating to such risks or claims, or
2. To imply that the Contractor assumes or is responsible for risks or claims only of the type enumerated in this Subsection or in any Contract, or
3. To limit the risks that the Contractor would assume or the claims for which the Contractor would be responsible in the absence of such enumerations.

The Contractor expressly understands and agrees that any insurance protection required by the Contract, or otherwise provided by the Contractor, in no way limits the Contractor's responsibility to defend, indemnify, and save harmless the Owner as herein provided. Such insurance requirements are designed to provide greater assurance to the Owner that the Contractor is financially able to discharge its obligations under this Subsection and as to the risks assumed elsewhere in the Contract, and are not in any way construed as a limitation on the nature and extent of such obligations.

01360.13 Personal Liability of Officers, Members and Agents of Owner.

As between the Contractor and Owner, there shall be no liability upon the members, directors, officers, employees, and any other designated agent or representative, either personally or as officials of the Owner in carrying out any of the provisions of the Contract nor in exercising any power or authority granted to them by or within the scope of the Contract, it being understood that in all such matters they act solely as agents and representatives of the Owner.

01360.14 Recovery of Monies by the Owner.

Whenever it is provided in the Contract Documents that the Owner or Architect is to withhold or deduct money from any monies due or that may become due the Contractor, or that the Contractor is to pay or return monies for any reason, or that the Owner or Architect can charge against the Contractor certain costs or assessments, or that the Owner or Architect can recover any sum for any reason from the Contractor, it is understood that the Owner has available to it any monies due or that may become due the Contractor under the Contract and on other contracts between the Contractor and the Owner. Such other contracts shall include joint ventures in which the Contractor is a participant but only to the extent of its participation. The right to recover against the Contractor as herein provided is in addition to and does not affect the right of the Owner to seek recovery against the Contractor or Surety under the Contract, bonds, or as otherwise allowed by law. The Architect shall provide the Contractor with sufficient documentation to reasonably outline the basis for such withholding or deduction prior to the Owner withholding or deducting any such sums, as provided under the Contract.

01360.15 No Waiver of Legal Rights.

Notwithstanding any other provision of the Contract and provided that the Owner has conducted a diligent review of Contractor invoices during the prosecution of the Project, for a period of six months after Acceptance, all estimates and payments made pursuant to Section 01200, including the Final Certificates and Final Payment, are subject to correction and adjustment for clerical or other errors in the calculations involved in the determination of quantities and payments. The Contractor and the Owner agree to pay to the other any sum due under the provisions of this Subsection, provided, however, if the total sum to be paid is less than \$100, payment will not be made.

A waiver on the part of the Owner of any breach of any part of the Contract is not to be held as a waiver of any other or subsequent breach.

The Contractor, without prejudice to the terms of the Contract, shall be liable to the Owner at any time both before and after Acceptance for latent defects, fraud, such gross mistakes as may amount to fraud, or actions affecting the Owner's rights under any warranty or guarantee.

01360.16 Limitations of Liability.

In any event, whether under the provisions of the Contract, as a result of breach of contract, tort (including negligence), or otherwise, the Owner and the Contractor will not be liable to each other for any special, consequential, incidental, or penal damages including, but not limited to, loss of profit or revenues, loss of rental value for contractor-owned equipment, damages to associated equipment, cost of capital, or interest of any nature, loss of use, loss of business, loss of reputation, loss of management or employee productivity or of the services of such persons, principal office expense including the compensation of personnel stationed there, and loss of financing. Nothing in this Subsection shall be deemed to preclude an award of liquidated direct damages, when applicable, in accordance with the requirements of the Contract Documents. Nothing in this Subsection shall be deemed to preclude or limit in any way the Contractor's liability for direct or indirect claims for injury, loss or damages of any kind whatsoever asserted by third party owners of property adjacent to or in the Project Area, including, without limitation the Property Owners, except if the claimed injury, loss or damage is caused by or results from the sole negligence of the Owner.

01360.17 RESERVED

01400 Quality Requirements

01420 References

All materials, products and work methods shall meet industry best practice standards and applicable regulatory requirements of contractors performing similar work in the State of the New Jersey.

01450 Quality Control - Work

01450.1 Authority of the Architect.

The Architect will decide all questions that may arise as to the quality and acceptability of the Work and as to the rate of progress of the Work, all questions that may arise as to the interpretation of the Contract Documents, all questions as to the acceptable fulfillment of the Contract on the part of the Contractor, and all questions as to compensation. All questions as to the interpretation of the Contract Documents shall be submitted to the Architect in writing.

The Architect has the authority to suspend the Work wholly or in part pursuant to 01310.13 or 01310.14 and to suspend partial payments under Subsection 01290.3 due to the failure of the Contractor to correct conditions unsafe for the workers or the general public, for failure to carry out provisions of the Contract, or for failure to carry out orders. The Architect may also suspend the Work wholly or in part for such periods as deemed necessary due to unsuitable weather, for conditions considered unsuitable for the prosecution of the Work, or for any other condition or reason deemed to be in the Owner's interest.

01450.2 Communications.

Unless otherwise directed, all communications with the Owner shall be sent to the Architect. Where communications are directed to persons other than the Architect, a clear copy shall be sent to the Architect.

01450.3 Plans and Specifications.

The Plans consist of general drawings and show such details as are necessary to give a comprehensive idea of the construction contemplated. The Contractor shall keep one set of Plans available on the Project site at all times. All alterations affecting the requirements and information given on the Plans will be authorized in writing.

Omissions from the Plans or Specifications of details of Work which are manifestly necessary to carry out the intent of the Contract Documents, or which are customarily included, shall not relieve the Contractor from including such omitted details of Work, but they shall be included as if fully and correctly set forth and described.

The Contractor will receive two (2) copy of the latest Project Manual and three (3) sets of Drawings.

01450.4 Reserved.

01450.5 Conformity with Contract Documents.

In the event the Architect finds the Work not in conformance with the Contract Documents but that reasonably acceptable Work has been produced, the Architect will determine if the Work is to be accepted and remain in place. In this event, the Architect will document the basis of the acceptability of the Work and provide for an appropriate adjustment in the contract price for such Work as deemed necessary. If an appropriate adjustment cannot be negotiated, the Work shall be removed and replaced or otherwise corrected at no cost to the Owner.

In the event the Architect finds the Work not in conformance with the Contract Documents, resulting in an inferior or unsatisfactory product, the Work shall be removed and replaced or otherwise corrected at no cost to the Owner.

Neither the observations of the Architect in the administration of the Contract, nor inspections, tests, or approvals by persons other than the Contractor relieve the Contractor from its obligation to perform the Work according to the Contract Documents.

01450.6 Special Inspection, Testing, or Approval.

Whenever the Architect considers it necessary or advisable to ensure the proper implementation of the Contract Documents, the Architect has authority to require special inspection or testing of the Work in addition to that required elsewhere in the Contract Documents, whether or not such Work is then fabricated, installed, or completed. However, neither the Architect's authority to act under this Subsection, nor any decision made by the Architect either to exercise or not to exercise such authority, creates a duty or responsibility of the Architect to the Contractor, any subcontractor, or any of their agents or employees performing any of the Work.

If after commencement of the Work the Architect determines that any Work requires special inspection, testing, or approval not provided for elsewhere in the Contract Documents, the Architect will perform such inspection, testing, or approval using Owner facilities, by contracting with others for such services, or by instructing the Contractor by Construction change directive to order special inspection, testing, or approval. If such special inspection or testing reveals a failure of the Work to comply with the requirements of the Contract Documents or, with respect to the performance of the Work, with laws, ordinances, rules, regulations, or orders of any public authority having jurisdiction, the Contractor shall bear all costs thereof, including the Architect's additional services made necessary by such failure. If tests reveal no such failure, the Owner will bear such costs, and a Supplementary Agreement will be negotiated.

01450.7 Coordination of Contract Documents.

The Contract Documents are essential parts of the Contract, and a requirement occurring in one is as binding as though occurring in all. They are intended to be complementary and to describe and provide for a functionally complete Project.

In case of discrepancy, calculated dimensions will govern over scaled dimensions; Specifications will govern over Plans. Division 1 and Division 2 terms and conditions in the Contract will prevail over conflicting Division 1 and Division 2 terms and conditions contained in the Plans.

As the Work progresses, it is anticipated that the Contractor shall frequently request information from the Architect relative to the interpretation and coordination of the Contract Documents. Such applications shall be in writing. Should it appear that the Work to be done or any of the matters relative thereto are not sufficiently detailed or explained in the Contract Documents, the Contractor shall request from the Architect such further explanations as may be necessary and shall conform to them as part of the Contract.

Both parties realize that in performing the Work, field conditions may require modifications in the Plans and quantities of Work involved. Work under all Pay Items must be carried out to meet these field conditions to the satisfaction of the Architect and according to its directions and the Contract Documents.

The Contractor shall not take advantage of any apparent error or omission in the Contract Documents. In the event the Contractor discovers any discrepancy, error, or omission in the Plans, Specifications, or other Contract Documents, or if there is any doubt or question as to the intent or meaning of the Plans, Specifications, or other Contract Documents, the Contractor shall immediately notify the Architect in writing. The Architect will promptly make, in writing, such corrections and interpretations as deemed necessary.

01450.8 Cooperation by Contractor.

The Contractor shall give the Work the constant attention necessary to facilitate the progress thereof, and shall cooperate with the Architect, the Architect's inspectors, and other contractors in every way possible.

When the Contractor is comprised of two or more persons, firms, partnerships, or corporations functioning on a joint venture basis, said Contractor shall designate in writing, before starting Work, the name of one individual who shall have the authority to represent and act for the joint venture.

The Contractor shall designate in writing before starting Work, a competent, English-speaking superintendent capable of reading and thoroughly understanding the Contract Documents, and thoroughly experienced in the type of construction being performed. The superintendent shall have the authority to represent and act for the Contractor. An alternate to the superintendent, with equal authority and qualifications, may also be designated.

The superintendent or the alternate shall be present at the site of the Project at all times while Work is actually in progress on the Contract irrespective of the amount of Work subcontracted. The superintendent or the alternate shall have full authority to execute orders or direction from the Architect, without delay, and to promptly supply such materials, equipment, tools, labor, and incidentals as may be required. When Work is not in progress and during periods when Work is suspended, arrangements acceptable to the Architect shall be made for any emergency Work that may be required.

Whenever the superintendent or the alternate is not present on the site or at the location of any particular part of the Work where it may be desired to give direction, the Architect may suspend all of the Work or the particular Work in reference until the superintendent or the alternate is present. Such suspension shall not be the basis of any claim against the Owner.

01450.9 RESERVED.

01450.10 Cooperation Between Contractors.

The Owner reserves the right at any time to contract for and perform other or additional work in, on or near the Project Area.

When separate contracts are let within the limits of the Project Area, or in areas adjacent thereto, the Contractor shall conduct its Work so as not to interfere with or hinder the progress or completion of the work being performed by other contractors. Moreover, the Contractor assumes the positive obligation of cooperating with such other contractors and coordinating its activities with theirs. If there is a difference of opinion as to the respective rights of the Contractor and others doing work within the limits of or adjacent to the Project Area, the Architect will decide as to the respective rights of the various parties involved in order to secure the completion of the Owner's Work in general harmony and in a satisfactory manner. The decision of the Architect is final and binding and is not cause for claims by the Contractor for additional compensation.

The Contractor shall assume all liability, financial or otherwise, in connection with its Contract, and, provided that Owner affords reasonable access to the Project Area during the Contract Time, hereby waives any and all claims against the Owner for additional compensation that may arise because of inconvenience, delay, or loss experienced by it because of the presence and operations of other contractors working within the limits of or adjacent to the Project Area.

The Contractor shall arrange its Work and shall place and dispose of the materials being used so as not to interfere with the operation of the other contractors within the limits of the Project Area or adjacent

thereto. The Contractor shall join its Work with that of the others in an acceptable manner and shall perform it in proper sequence to that of the others.

The Contractor is not responsible for damage to Work performed on the Contract or on other contracts within or adjacent to the site of the Project that may be caused by or on account of the work of other contractors. The Contractor is responsible for any damage done or caused by its Work or forces to the work performed by other contractors within or adjacent to the site of the Project, and the Contractor shall repair or make good any such damage in a manner satisfactory to the Architect and at no cost to the Owner.

The provisions of this Subsection also apply to utilities and their contractors working in the Project Area or adjacent thereto.

01450.11 RESERVED.

01450.12 Authority and Duties of the Architect.

As the direct representative of the Owner, the Architect has immediate charge of the technical details of the Project. The Architect is responsible for the administration of the Contract. This responsibility includes the authority to reject defective material and to suspend any or all of the Work according to Subsection 01310.13 and 01310.14.

01450.13 Duties of the Inspector.

Inspectors employed by the Architect are authorized to inspect all Work. Such inspection may extend to all or any part of the Work and to the preparation, fabrication, or manufacture of the materials to be used. The inspector is not authorized to alter or waive the provisions of the Contract. The inspector is not authorized to issue instructions contrary to the Contract Documents or to act as foreman for the Contractor; however, the inspector has the authority to reject Work subject to confirmation by the Architect.

01450.14 Inspection of Work.

Each part or detail of the Work is subject to inspection by the Architect. The Architect shall be allowed access to all parts of the Work and shall be furnished with such information and assistance by the Contractor as is required to make a complete and detailed inspection. When the Architect is in or about the site of the Work in the course of its duties, the Architect is deemed conclusively to be an invitee of the Contractor. If the Contractor is not the owner of the place where fabrication, preparation, or manufacture is in progress, the owner thereof shall be deemed to be the agent of the Contractor with respect to the obligation assumed hereunder. The Contractor or its agent shall be responsible for the payment of claims for injuries to the Architect due to negligence on the part of the Contractor or its agent.

At the direction of the Architect, the Contractor, at any time before Acceptance, shall remove or uncover specified portions of the finished Work that the Architect had previously inspected. After examination, the Contractor shall restore said portions of the Work to the standard required by the Contract Documents. Should the Work so exposed or examined prove acceptable, the uncovering, or removing, and the replacing of the covering, or making good of the parts removed, will be paid for as Extra Work; however, should the Work so exposed or examined prove unacceptable, the uncovering, or removing, and the replacing of the covering, or making good of the parts removed, will be at no cost to the Owner.

The Architect may order any Work done without the Architect's inspection to be removed and replaced at the Contractor's expense. Payment for the Work will be made and the uncovering, or removing, and the replacing of the covering, or making good of the parts removed, of the un-inspected Work will be paid for as Extra Work only if all of the following conditions are met:

1. The Work removed, uncovered, and/or replaced proves to have been acceptable according to the Contract Documents; and

2. The Contractor gave reasonable notice in writing to the Owner that the un-inspected work was to be performed; and
3. The Contractor, in performing the un-inspected work, did not do so in the face of a directive from the Owner that such work not be performed.

The Contractor is responsible for carrying out the provisions of the Contract at all times and for control of the quality of the Work regardless of whether an authorized inspector is present or not. This obligation to perform the Work according to the Contract Documents is not relieved by the observations of the Architect in the administration of the Contract, nor by inspections, tests, or approvals by others. Work not meeting the Contract requirements shall be made good, and unsuitable Work may be rejected, notwithstanding that such Work had been previously inspected and approved by the Architect or that payment therefor has been included in a monthly estimate certificate.

01450.15 Removal of Unacceptable and Unauthorized Work.

All Work that does not conform to the requirements of the Contract is unacceptable unless otherwise determined acceptable under the provisions in Subsection 01450.5 (Conformity with Contract Documents). Unacceptable Work, from any cause, found to exist before Acceptance, shall be remedied in an acceptable manner at no cost to the Owner

Work done contrary to the instructions of the Architect, or any Extra Work done without authority is considered as unauthorized and will not be paid for under the provisions of the Contract. Work so done may be ordered remedied at no cost to the Owner.

If the Contractor fails to comply promptly with any order of the Architect made under the provisions of this Subsection, the Architect will have authority to cause unacceptable Work to be remedied by others and to deduct the costs thereof from any monies due or that may become due the Contractor.

01450.16 Load Restrictions.

Within or on Roadways used for transportation of Equipment or on the boardwalk or boardwalk ramps, the operation of Equipment of such weight or so loaded as to cause damage to structures or the Roadway, the boardwalk or boardwalk ramps or to any other type of construction will not be permitted. In no case shall legal load limits be exceeded when Equipment is used for hauling to and from the Project Area unless permitted in writing by the appropriate governmental authorities. The Contractor shall be responsible for all damage done by it or its subcontractors' hauling Equipment.

Without limiting any other obligation set forth in the Contract, the Contractor shall be solely responsible for complying with legal load limits.

If the Architect becomes aware of repeated violations of roadway, boardwalk or boardwalk ramp load limits, the Architect may suspend operations until the condition is remedied to the satisfaction of the Architect. The Owner may not make payment for any Materials in excess of the legal truck load limit.

01450.17 Maintenance During Construction.

Except as provided for below, the Contractor shall be responsible for maintenance within the Project Area until Acceptance. This maintenance shall consist of continuous and effective work prosecuted day by day, with adequate Equipment and forces to the end that the Project Area, surroundings, Roadways, boardwalk and boardwalk ramps shall be kept in satisfactory condition at all times.

On any section of haul route used on paved or unpaved roadways, whether provided for in the Contract Documents or opened as directed, any damage to the roadways due to the Contractor's operations shall be repaired at no cost to the Owner. Nothing in this Subsection shall be construed to limit or change the risks assumed by the Contractor pursuant to 01360.12.

01450.18 Failure to Maintain Project Area and Surroundings.

If the Contractor at any time fails to comply with the provisions of Subsection 01450.17, the Architect will immediately notify the Contractor of such noncompliance. If the Contractor fails to remedy unsatisfactory maintenance within 24 hours after receipt of such notice, the Architect may proceed to

maintain the Project and deduct the entire cost of this maintenance from any monies due or that may become due the Contractor.

01450.19 Partial Acceptance.

If at any time during the prosecution of the Project the Contractor completes a unit or portion of the Project, the Contractor may request the Architect to make final inspection of that unit. If the Architect finds upon inspection that the unit has been satisfactorily completed in compliance with the Contract, the Architect may accept that unit as being completed, and the Contractor may be relieved of the responsibility of doing further Work on or maintaining that unit or portion of the Project. The Architect reserves the right to reject the request made by the Contractor, if the Architect determines that the unit or portion of the Project should not be the subject of a partial acceptance. Such partial acceptance shall in no way void or alter any of the terms of the Contract, including Subsections 01360.12 (Risks Assumed by the Contractor) and Subsection 00620 (Insurance), nor shall it be construed as relieving the Contractor of full responsibility for making good defective work or materials found at any time before Acceptance pursuant to Subsection 01450.21 (Completion and Acceptance).

01450.20 Substantial Completion.

When the Contractor determines that the Work is substantially complete, the Contractor shall prepare a written notice thereof for submission to the Architect listing the items remaining to be completed or corrected. The failure to include any items on such list does not alter the responsibility of the Contractor to complete all Work according to the Contract Documents. If the Architect determines that the Work is substantially complete, the Architect will then prepare a letter which states the date of Substantial Completion and establishes a reasonable time within which the Contractor shall perform the final cleanup and repair unacceptable Work, which time may be before Contract Time as modified. The letter will be submitted to the Contractor for its prompt compliance therewith.

If, however, the inspection discloses that the Work is not substantially completed to the Architect's satisfaction, the Architect will give the Contractor the necessary instructions for completion and correction of same, and the Contractor shall immediately comply with and execute such instructions. Upon completion and correction of the Work, the Contractor shall re-notify the Architect and another inspection will be made.

01450.21 Completion and Acceptance.

Upon receipt by the Architect of written notice from the Contractor that the Work has reached Completion and is ready for final inspection and Acceptance, the Architect will promptly make such inspection. When such inspection indicates that the Work is in compliance with the Contract, the Architect will promptly begin the process to issue a Certificate of Completion stating that, to the best of the Architect's knowledge, information, and belief, and on the basis of observations and inspections, the Work has been completed according to the terms and conditions of the Contract. If, however, the final inspection discloses that the Work has not reached Completion, the Architect will give the Contractor the necessary instructions for the correction of deficiencies, and the Contractor shall immediately comply with and execute such instructions. Upon correction of the deficiencies, the Contractor shall re-notify the Architect, and another inspection will be made. This procedure is to be repeated until a Certificate of Completion is issued.

At the request of the Contractor, the Architect may issue a Certificate of Completion without receiving all required documents, certificates, or proofs of compliance. The Contractor's request must satisfactorily establish that the Contractor could not reasonably and in good faith provide some of the required documents, certificates, or proofs of compliance at a time contemporaneous with Completion and with the Project being ready for use by the Property Owners to the degree contemplated by the Contract. In such instances where a Certificate of Completion is issued, the Contractor shall expeditiously attempt to provide the exempted document, certificate, or proofs of compliance. Final payment will not be made, however, until all such documents, certificates, and proofs of compliance have been satisfactorily executed and delivered to the Architect.

The Certificate of Completion is issued establishing Completion as of the date of the notice or re-notice from the Contractor. If the Owner concurs in the Certificate of Completion, the Contractor will be notified of Acceptance and the date thereof.

After Acceptance, the Contractor is relieved of the duty of maintaining and protecting the Work as a whole, and is not required to perform any further Work thereon. In addition, the Contractor is relieved of its responsibility for damage to the Work that may occur after Acceptance. However, nothing herein shall be construed to limit the provisions of 01360.12 (Risks Assumed by the Contractor), 00620 (Insurance), 01360.15 (No Waiver of Legal Rights), and 01290.10 Warranty Against Defective Work).

01451 Quality Control - Materials

01451.1 Source of Supply and Quality Requirements.

All Materials for the Project shall be furnished by the Contractor and shall be new, unless otherwise specifically prescribed in the Contract Documents. The Materials shall conform to the requirements of the Contract Documents and shall be from approved sources. Only Materials that have been approved by the Architect shall be used.

Within 12 hours after receiving a shipment of Materials, the Architect shall be notified of the kind, size, quantity, and location thereof.

In any item of construction, the sources, brands, or types of Materials shall not be changed without the consent of the Architect. Request for such changes shall be filed with the Architect the number of days in advance of such changes as required above. The request shall state the name and address of the owner, the location of the proposed source, the method of shipment, and the intended use of the Material.

The foregoing provisions shall apply with regard to requests by subcontractors for the sources of the Materials they propose to use, such requests to be submitted through the Contractor.

The notice provisions of this Subsection shall not be so construed as to relieve the Contractor of its obligation to ensure that all Materials required for the construction of the Project shall be available at the time and place necessary for their incorporation into the Work in order that the completion date set forth in Subsection 01310.10 is met. If any doubt exists as to the timely availability of any material, the Architect shall be immediately informed, in writing, of the potential problem and of the action to be taken to guarantee the availability of such material. Stockpiles of materials whose availability is or may be problematical shall be established at an early date.

01451.2 RESERVED

01451.3 Materials, Inspections, Tests, and Samples.

All Materials will be inspected, tested (where applicable), and approved before incorporation in the Work. Unapproved Materials may be used only with written permission of the Architect. In the absence of such written permission, unapproved materials will not be paid for and shall be removed at no cost to the Owner.

All Materials being used are subject to inspection, testing, or rejection at any time before Acceptance.

Nothing in this Subsection shall be construed to limit the right of the Architect to order special inspection or tests as provided in Section 01450.6.

Except as otherwise provided, all Materials will be tested at the expense of the Contractor.

Certain materials as specified will be accepted on the basis of Certifications of Compliance according to 01451.4.

Samples shall be required whenever, in the opinion of the Architect, additional tests are required to determine the quality and suitability of Materials for their respective uses.

01451.4 Certification of Compliance.

Materials will be accepted on the basis of Certificates of Compliance stating that such materials fully comply with the requirements of the Contract. The Architect must approve the form of Certificates of Compliance.

Materials used on the basis of Certificates of Compliance may be sampled and tested at any time. Materials, if found not to be in conformance with Contract requirements, will be rejected whether in place or not. The Contractor shall require the manufacturer or supplier to furnish two copies of Certificates of Compliance with each delivery of Materials and manufactured items that are acceptable by certification. One copy shall be furnished to the Architect and one copy shall be retained by the Contractor.

Certificates of Compliance shall contain the following information:

1. Project to which the material is consigned.
2. Name of the Contractor to which the material is supplied.
3. Kind of material supplied.
4. Quantity of material represented by the certificate.
5. Means of identifying the consignment, such as label marking, seal number, etc.
6. Date and method of shipment.
7. Statement that the material has been tested and found in conformity with the pertinent Contract requirements stated in the certificate.
8. Signature of a person having legal authority to bind the supplier.
9. Signature attested to by a notary public or other properly authorized person.

Payments will not be made for Materials specified to be accepted on the basis of Certificates of Compliance until the Architect has received the required Certificate of Compliance.

01451.5 RESERVED.

01451.6 RESERVED.

01451.7 RESERVED.

01451.8 RESERVED.

01451.9 Storage and Handling of Materials.

Materials shall be stored to ensure the preservation of their quality and fitness. Stored Materials, even though approved before storage, may again be inspected before their use on the Project. Stored Materials shall be located so as to facilitate their prompt inspection. The Contractor shall be responsible for obtaining locations for storage of equipment and materials. Materials shall be handled to ensure the preservation of their quality and fitness.

01451.10 Unacceptable Materials.

All Materials, whether in place or not, which do not conform to the requirements of the Contract Documents shall be considered as unacceptable, and such materials will be rejected and shall be removed immediately from the site of the Work unless otherwise directed. Rejected material, the defects of which have been corrected, shall not be used until approval has been given.

01451.11 RESERVED.

01451.12 Substitutes or “Or Equal” Items.

Whenever Materials or Equipment are specified or described in the Contract Documents by using the name of a proprietary item or the name of a particular supplier, the naming of the item is intended to establish the type, function, and quality required. Unless the name is followed by words indicating that no substitution is permitted, materials or equipment of other suppliers may be accepted if sufficient information is submitted by the Contractor to allow the Architect to determine that the material or equipment proposed is equivalent or equal to that named. Requests for review of substitute items of material or equipment will not be accepted from anyone other than the Contractor. If the Contractor wishes to furnish or use a substitute item of material or equipment, the Contractor shall make written application to the Architect for approval thereof, certifying that the proposed substitute performs adequately the functions and achieves the results called for by the general design, is similar and of equal

substance to that specified, and is suited to the same use as that specified. The application shall state that the evaluation and approval of the proposed substitute does not prejudice the Contractor's achievement of Completion on time. It shall also state whether or not approval of the proposed substitute for use in the Work requires a change in any of the Contract Documents (or in the provisions of any other direct Contract with the Owner for Work on the Project) to adapt the design to the proposed substitute, and whether or not incorporation or use of the substitute in connection with the Work is subject to payment of any license fee or royalty. All variations of the proposed substitute from that specified shall be identified in the application, and available maintenance, repair, and replacement service shall be indicated, as applicable. The application shall also contain an itemized estimate of all costs that result directly or indirectly from approval of such substitute, including costs of redesign, all of which will be considered in evaluating the proposed substitute. The Architect may require the Contractor to furnish additional data about the proposed substitute.

If a specific means, method, technique, sequence, or procedure of construction is indicated in or required by the Contract Documents, the Contractor may furnish or use a substitute means, method, technique, sequence, or procedure of construction which is acceptable, if the Contractor submits sufficient information to allow the Architect to determine that the substitute proposed is equivalent to that indicated or required by the Contract Documents. The procedure for review by the Architect is to be similar to that described in the previous paragraph.

The Architect is to be allowed a reasonable time within which to evaluate each proposed substitute. The Architect will be the sole judge of acceptability, and no substitute shall be ordered, installed, or used without an approved cut sheet from the manufacturer. If approval is given, it is on the condition that the Contractor is fully responsible for producing Work in conformity with Contract requirements. If, after trial use of the substituted materials, equipment, means, method, technique, sequence, or procedure of construction, the Architect determines that the Work produced does not meet Contract requirements, the Contractor shall discontinue the use of the substitute and shall complete the remaining Work with the specified materials, equipment, means, method, technique, sequence, or procedure of construction. The Contractor shall remove the deficient Work and replace it as specified, or take such other corrective action as the Architect may direct. Changes will not be made in the basis of payment for the Pay Items involved, nor in the Contract Time as a result of authorized substitutes. The Architect may require the Contractor to furnish at no cost to the Owner a special performance guarantee or other surety with respect to any substitute. When the Contract Documents permit the use of more than one type of material, equipment, or product, only one type is to be used throughout the Project.

01500 TEMPORARY FACILITIES AND CONTROLS

01510 Temporary Utilities

The Contractor shall be solely responsible for the installation, removal and approvals for any temporary utility that the Contractor should require for Project related activities, including but not limited to electric powered generators or pumps (any phase type) and lighting. The costs for purchasing, installing, protecting and obtaining approvals are not to be charged to the Owner and shall be included in the Total Contract Price.

01550 Vehicular Access and Parking

During the course of the Project, the Contractor shall ensure that all employees' and subcontractors' automobiles are parked in a manner that does not interfere with local traffic, block pedestrian traffic or cause an unsafe situation. On site parking will not be provided. Parking on the Boardwalk without current Boardwalk permits is not permitted. The Contractor shall not allow heavy vehicles or construction equipment on the Boardwalk without written permission and current permits from the City.

The following provisions augment the requirements of this Subsection: Subsections 01140 (Work Restrictions), 01360 (Additional Legal Provisions), 01450.8 (Cooperation by the Contractor), and 01450.10 (Cooperation between Contractors).

01560 Temporary Security

If the Contractor requires security from theft or vandalism or to protect the public, such security measures shall be at the Contractors expense. The Contractor acknowledges and agrees that the Owner is not responsible for the damage or theft of any equipment, or injury to the public as a result of the breach or lack of security measures implemented by the Contractor.

01560 Barriers

The Contractor shall provided barriers to prevent unauthorized entry to construction areas to allow for residents and retail owners and patrons use of the site and to protect existing facilities and adjacent properties from damage from construction operations and demolition. The Contractor will provide barricades and covered walkways required by governing authorities for public rights-of-way.

01580 Project Identification

The Contractor shall install signage which identifies the project. These signs will be provided at the Contractor's expense and included or accounted for as part of the Total Contract Price. The Contractor will be required to provide a 4 foot by 8 foot ½ inch PVC sign suitable for mounting on two posts within the planter. Owner will provide artwork.

01600 PRODUCT REQUIREMENTS

PART 5 GENERAL

5.1 SUMMARY

- A. Section includes:
 - 1. Products.
 - 2. Product delivery requirements.
 - 3. Product storage and handling requirements.
 - 4. Product options.
 - 5. Product substitution procedures.

5.2 PRODUCTS

- A. Provide products of qualified manufacturers suitable for intended use. Provide products of each type by a single manufacturer unless specified otherwise.
- B. Do not use materials and equipment removed from existing premises, except as specifically permitted by the Contract Documents.
- C. Provide interchangeable components of the same manufacturer for components being replaced.

5.3 PRODUCT DELIVERY REQUIREMENTS

- A. Package product for protection during shipment, handling, and storage. Protect sensitive equipment and finishes against impact, abrasion, and other damage.
- B. Transport and handle products in accordance with manufacturer's instructions.

- C. Arrange deliveries of products in accordance with Project schedule. Allow time for inspection prior to installation.
- D. Coordinate deliveries to avoid conflict with Work and conditions at site; limitations on storage space; availability of personnel and handling equipment; and Owner's use of premises.
- E. Deliver products in undamaged, dry condition, in original unopened containers or packaging with identifying labels intact and legible.
- F. Clearly mark partial deliveries of component parts of equipment to identify equipment and contents to permit easy accumulation of parts and to facilitate assembly.
- G. Promptly inspect shipments to ensure that products comply with requirements, quantities are correct, and products are undamaged.
- H. Provide equipment and personnel to handle products by methods to prevent soiling, disfigurement, or damage.

5.4 PRODUCT STORAGE AND HANDLING REQUIREMENTS

- A. Store and protect products in accordance with manufacturers' instructions.
- B. Store with seals and labels intact and legible.
- C. Store sensitive products in weather tight, climate controlled, enclosures in an environment favorable to product.
- D. For exterior storage of fabricated products, place on sloped supports above ground.
- E. Provide bonded off-site storage and protection when site does not permit on-site storage or protection.
- F. Cover products subject to deterioration with impervious sheet covering. Provide ventilation to prevent condensation and degradation of products.
- G. Store loose granular materials on solid flat surfaces in a well-drained area. Prevent mixing with foreign matter.
- H. Provide equipment and personnel to store products by methods to prevent soiling, disfigurement, or damage.
- I. Arrange storage of products to permit access for inspection. Periodically inspect to verify products are undamaged and are maintained in acceptable condition.

5.5 PRODUCT OPTIONS

- A. Products Specified by Reference Standards or by Description Only: Any product meeting those standards or description.
- B. Products Specified by Naming One or More Manufacturers: Products of one of manufacturers named and meeting specifications, no options or substitutions allowed.
- C. Products Specified by Naming One or More Manufacturers with a Provision for Substitutions: Submit a request for substitution for any manufacturer not named in accordance with the following article.

5.6 PRODUCT SUBSTITUTION PROCEDURES

- A. Architect will consider requests for Substitutions only within 30 days after date established in Notice to Proceed.
- B. Substitutions may be considered when a product becomes unavailable through no fault of the Contractor.
- C. Document each request with complete data substantiating compliance of proposed Substitution with Contract Documents.
- D. A request constitutes a representation that the Contractor:
 - 1. Has investigated proposed product and determined that it meets or exceeds the quality level of the specified product.
 - 2. Will provide the same warranty for the Substitution as for the specified product.
 - 3. Will coordinate installation and make changes to other Work which may be required for the Work to be complete with no additional cost to Owner.
 - 4. Waives claims for additional costs or time extension which may subsequently become apparent.
- E. Substitutions will not be considered:
 - 1. When they are indicated or implied on Shop Drawing or Product Data submittals, without separate written request.
 - 2. When acceptance will require revision to the Contract Documents.
 - 3. Without a net reduction in Contract Sum or a reduction in Contract time.
 - 4. When request is from a source other than Contractor.
- F. Substitution Submittal Procedure:
 - 1. Submit three copies of request for Substitution for consideration. Limit each request to one proposed Substitution.
 - 2. Complete Substitution Request form attached to this section for each substitution request.
 - 3. Indicate net reduction in Contract Sum or reduction in Contract time, if proposed substitution is accepted.
 - 4. Submit side-by-side comparison of features of specified Product and proposed substitution.
 - 5. Submit Shop Drawings, Product Data, and certified test results attesting to the proposed product equivalence.
 - 6. Submit substantiating data attesting to the proposed Product equivalence. Burden of proof is on the requester of the substitution. Submittals with insufficient or incomplete information for Architect to evaluate proposed substitution may be rejected without request for additional information.
 - 7. Architect will notify Contractor and Owner of estimated costs and time to evaluate proposed substitution.
 - 8. Contractor will notify Architect to proceed with review or to return proposed substitution request without action. By requesting Architect to complete the review, Contractor agrees to reimburse Architect for actual costs incurred to complete the review.
 - 9. The Architect will notify Contractor in writing of decision to accept or reject request.
 - 10. Architect will consider only one request for substitution for each product. If request is not accepted, provide specified product.

PART 6 PRODUCTS

Not Used.

PART 7 EXECUTION

Not Used.

01700 EXECUTION REQUIREMENTS

PART 1 GENERAL

1.1 SUMMARY

- A. Section includes:
 - 1. Closeout procedures.
 - 2. Final cleaning.
 - 3. Protecting installed construction.
 - 4. Project record documents.
 - 5. Spare parts and maintenance products.
 - 6. Product warranties and product bonds.
 - 7. Maintenance service.

1.2 CLOSEOUT PROCEDURES

- A. Submit written certification that Contract Documents have been reviewed, Work has been inspected, and that Work on each unit or group of units is complete in accordance with Contract Documents and ready for Architect's review.
- B. Provide submittals to Architect that are required by governing or other authorities.
- C. Submit final Application for Payment identifying total adjusted Contract Sum, previous payments, and sum remaining due.
- D. Owner will occupy individual units or groups of units as they are completed.

1.3 FINAL CLEANING

- A. Execute final cleaning prior to Substantial Completion inspection for individual units or group of units.
- B. Cleaning During Construction: Maintain the project site as clean as practicable throughout construction period, including the removal of debris, trash, etc. All buildings under construction shall be maintained "broom clean".
- C. Final Cleaning:
 - 1. Use cleaning materials and agents recommended by manufacturer or fabricator of surface to be cleaned. Do not use cleaning agents that are potentially hazardous to health or property, or that might damage finished surfaces.
 - 2. Employ experienced workers or professional cleaners for final cleaning. Clean each surface or unit of Work to condition expected from a commercial building cleaning and maintenance program. Comply with manufacturer's published instructions.
 - 3. Complete following cleaning operations before requesting Punch list inspection for Substantial Completion of Project by Architect. Project shall be "move-in" ready for Punch list inspection.
 - 4. Clean Project Site, yard and grounds, in areas disturbed by construction activities, including landscape development areas, of rubbish, waste materials, litter and foreign substances. Sweep paved areas broom clean. Remove petro-

chemical spills, stains and other foreign deposits. Rake grounds that are neither planted nor paved, to a smooth even-textured surface.

5. Remove tools, construction equipment, machinery and surplus material from Project Site.
6. Remove snow and ice to provide safe access to building.
7. Clean exposed exterior and interior hard-surfaced finishes to a dirt-free condition, free of stains, films and similar foreign substances. Avoid disturbing natural weathering of exterior surfaces. Restore reflective surfaces to their original condition.
8. Remove debris and surface dust from limited access spaces, including roofs, plenums, shafts, trenches, equipment vaults, manholes, attics and similar spaces.
9. Broom clean concrete floors in unoccupied spaces.
10. Vacuum clean carpet and similar soft surfaces, removing debris and excess nap. Shampoo if required.
11. Clean transparent materials, including mirrors and glass in doors and windows. Remove glazing compounds and other substances that are noticeable vision-obscuring materials. Replace chipped or broken glass and other damaged transparent materials. Polish mirrors and glass, taking care not to scratch surfaces.
12. Remove labels that are not permanent labels.
13. Touch-up and otherwise repair and restore marred exposed finishes and surfaces. Replace finishes and surfaces that can not be satisfactorily repaired or restored, or that show evidence of repair or restoration. Do not paint over "UL" and similar labels, including mechanical and electrical name plates.
14. Wipe surfaces of mechanical and electrical equipment, and other similar equipment. Remove excess lubrication, paint and mortar droppings and other foreign substances.
15. Clean plumbing fixtures to a sanitary condition, free of stains, including stains resulting from water exposure.
16. Replace air disposable filters and clean permanent air filters. Clean exposed surfaces of diffusers, registers, and grills. Clean ducts, blowers, and coils if units were operated without filters during construction.
17. Clean light fixtures, lamps, globes and reflectors to function with full efficiency. Replace burned out bulbs, and defective and noisy starters in fluorescent and mercury vapor fixtures.
18. Leave Project clean and ready for occupancy.
19. Engage an experienced licensed exterminator to make a final inspection, and rid the Project of rodents, insects, and other pests. Comply with regulations of local authorities having jurisdiction,

D. Remove temporary protection and facilities installed during construction to protect previously completed installations during remainder of construction.

E. Comply with governing regulations and safety standards for cleaning operations. Remove waste materials from Project Site and dispose of in accordance with requirements of local authorities having jurisdiction.

1.4 PROTECTING INSTALLED CONSTRUCTION

- A. Protect installed Work and provide special protection where specified in individual specification sections.
- B. Provide temporary and removable protection for installed products. Control activity in immediate work area to prevent damage.
- C. Provide protective coverings at walls, projections, jambs, sills, and soffits of openings.

- D. Protect finished floors, stairs, and other surfaces from traffic, dirt, wear, damage, or movement of heavy objects, by protecting with durable sheet materials.
- E. Prohibit traffic or storage upon waterproofed or roofed surfaces. If traffic or activity is necessary, obtain recommendations for protection from waterproofing or roofing material manufacturer.
- F. Prohibit traffic from landscaped areas.

1.5 PROJECT RECORD DOCUMENTS

- A. Maintain on site one set of the following record documents; record actual revisions to the Work:
 - 1. Drawings.
 - 2. Specifications.
 - 3. Addenda.
 - 4. Change Orders and other modifications to the Contract.
 - 5. Reviewed Shop Drawings, Product Data, and Samples.
 - 6. Manufacturer's instruction for assembly, installation, and adjusting.
 - 7. Requests for interpretation.
- B. Ensure entries are complete and accurate, enabling future reference by Owner.
- C. Mark Drawings to indicate actual installation where installation varies from installation shown originally. Give particular attention to information on concealed elements that would be difficult to identify or measure and record later. Items required to be marked include but are not limited to:
 - 1. Dimensional changes to Drawings.
 - 2. Revisions to details shown on Drawings.
 - 3. Depths of foundations below first floor.
 - 4. Locations and depths of underground utilities.
 - 5. Revisions to routing of piping and conduits.
 - 6. Revisions to electrical circuitry.
 - 7. Actual equipment locations.
 - 8. Duct size and routing.
 - 9. Locations of concealed internal utilities.
 - 10. Changes made by Contract Modification.
 - 11. Details not on original Contract Drawings.
- D. Store record documents separate from documents used for construction.
- E. Record information concurrent with construction progress, not less than weekly. Allow inspection by Architect or Owner upon request to verify documents are current and accurately reflect the Work.
- F. Specifications: Legibly mark and record at each product section description of actual products installed, including the following:
 - 1. Manufacturer's name and product model and number.
 - 2. Product substitutions and alternates utilized.
 - 3. Changes made by Addenda and modifications.
- G. Record Drawings and Shop Drawings: Legibly mark each item to record actual construction including:
 - 1. Field records on excavations and foundations.
 - 2. Field records on underground construction and similar Work.
 - 3. Survey showing locations and elevations of underground lines.
 - 4. Inverted elevations of drainage piping.
 - 5. Survey establishing building lines and levels.
 - 6. Authorized measurements utilizing unit prices or allowances.

7. Records of plant treatment.
 8. Ambient and substrate condition tests.
 9. Certifications received in lieu of labels on bulk products.
 10. Batch mixing and bulk delivery records.
 11. Testing and qualification of tradesmen.
 12. Documented qualification of installation firms.
 13. Load and performance testing.
 14. Inspections and certifications by governing authorities.
 15. Leakage and water-penetration tests.
 16. Fire resistance and flame spread test results.
 17. Final inspection and correction procedures.
- H. Requests for Interpretation (RFI): Record Architect's responses on Record Drawings and in Specifications as appropriate to suit response.
- I. Submit documents with claim for final Application for Payment.
- 1.6 SPARE PARTS AND MAINTENANCE PRODUCTS
- A. Provide spare parts, maintenance, and extra products in quantities specified in individual specification sections.
 - B. Deliver to Project site and place in location as directed; obtain receipt prior to final payment.
- 1.7 PRODUCT WARRANTIES AND PRODUCT BONDS
- A. Obtain warranties and bonds executed in triplicate by responsible subcontractors, suppliers, and manufacturers. General Contractor to provide 10 year warranty program for all home ownership units.
 - B. Submit Warranties required for specific Products or Work as specified in each individual Section. Minimum Required Warranties and Guarantees:
 1. General Contractor - One (1) year guarantee for all labor and materials for the entire project.
 2. Electrical Contractor - One (1) year guarantee for all labor and materials, and manufacturer's standard guarantees for all equipment and fixtures within the scope of this contract.
 3. Awnings – One (1) year guarantee for all labor and materials, and manufacturer's standard five (5) year warranty for awning fabric.
 - C. Execute and assemble transferable warranty documents and bonds from subcontractors, suppliers, and manufacturers.
 - D. Verify that documents are in proper form, contain full information, and are notarized.
 - E. Co-execute submittals when required.
 - F. Provide Table of Contents and assemble in three D side ring binder with durable plastic cover.
 - G. Time of Submittals:
 1. For equipment or component parts of equipment put into service during construction with Architect approval, submit documents within 10 days after acceptance.
 2. Make other submittals within 10 days after Date of Final Completion, prior to final Application for Payment.
 3. For items of Work for which acceptance is delayed beyond Date of Final Completion, submit within 10 days after acceptance.

4. Provide duplicate notarized copies

1.8 MAINTENANCE SERVICE

- A. Furnish service and maintenance of components indicated in specification sections for one year from date of Substantial Completion.
- B. Examine system components at a frequency consistent with reliable operation. Clean, adjust, and lubricate as required.
- C. Include systematic examination, adjustment, and lubrication of components. Repair or replace parts whenever required. Use parts produced by the manufacturer of the original component.
- D. Do not assign or transfer maintenance service to any agent or Subcontractor without prior written consent of the Owner.

PART 2 PRODUCTS

Not Used.

PART 3 EXECUTION

Not Used.

01731 CUTTING AND PATCHING

PART 1 GENERAL

1.1 SUMMARY

- A. Section includes:
 1. Requirements and limitations for cutting and patching of Work installed under this contract or existing work that must be "blended" into the new work.

1.2 SUBMITTALS

- A. Section 01330 - Submittal Procedures: Submittal procedures.
- B. Submit written request in advance of cutting or alteration which affects:
 1. Structural integrity of any element of Project.
 2. Integrity of weather exposed or moisture resistant element.
 3. Efficiency, maintenance, or safety of any operational element.
 4. Visual qualities of sight exposed elements.
 5. Work of Owner or separate contractor.
 6. Continuous operation of utilities, building services, fire suppression, fire alarm, or security system.
- C. Include in request:
 1. Identification of Project.

2. Location and description of affected Work.
3. Necessity for cutting or alteration.
4. Description of proposed Work, and Products to be used.
5. Alternatives to cutting and patching.
6. Effect on work of Owner or separate contractor.
7. Written permission of affected separate contractor.
8. Date and time work will be executed.

1.3 WARRANTY

- A. Perform cutting and patching in a manner to preserve conditions suitable for executing specified warranties and maintaining previously issued warranties for the Work.

PART 2 PRODUCTS

2.1 MATERIALS

- A. Primary Products: Those required for original installation.
- B. Product Substitution: For any proposed change in materials, submit request for substitution described in Section 01600.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Examine existing conditions prior to commencing Work, including elements subject to damage or movement during cutting and patching.
- B. After uncovering existing Work, assess conditions affecting performance of work.
- C. Beginning of cutting or patching means acceptance of existing conditions.

3.2 PREPARATION

- A. Provide temporary supports to ensure structural integrity of the Work. Provide devices and methods to protect other portions of Project from damage.
- B. Provide protection from elements for areas which may be exposed by uncovering work.
- C. Maintain excavations free of water.

3.3 CUTTING

- A. Execute work by methods to avoid damage to other Work, and which will provide proper surfaces to receive patching and finishing.
- B. Identify hazardous substances or conditions exposed during the Work to the Architect for decision or remedy.
- C. Execute cutting and fitting to complete the Work.
- D. Uncover work to install improperly sequenced work.
- E. Remove and replace defective or non-conforming work.
- F. Remove samples of installed work for testing when requested.

- G. Provide openings in the Work for penetration of mechanical and electrical work.
- H. Employ original installer to perform cutting for weather exposed and moisture resistant elements, and sight-exposed surfaces.
- I. Cut rigid materials using masonry saw or core drill. Pneumatic tools not allowed without prior approval.

3.4 PATCHING

- A. Execute patching to complement adjacent Work.
- B. Fit Products together to integrate with other Work.
- C. Employ original installer to perform patching for weather exposed and moisture resistant elements, and sight-exposed surfaces.
- D. Restore work with new Products in accordance with requirements of Contract Documents.
- E. Fit work to pipes, sleeves, ducts, conduit, and other penetrations through surfaces.
- F. At penetrations of fire rated walls, partitions, ceiling, or floor construction, completely seal voids in accordance with Section 07840.
- G. Refinish surfaces to match adjacent finish. For continuous surfaces, refinish to nearest intersection or natural break. For an assembly, refinish entire unit.

01750 STARTING AND ADJUSTING

PART 1 GENERAL

1.1 SUMMARY

- A. Section includes:
 - 1. Starting systems.
 - 2. Demonstration and instructions.

1.2 STARTING SYSTEMS

- A. Coordinate schedule for start-up of various equipment and systems.
- B. Notify Architect and Owner seven days prior to start-up of each item.
- C. Verify that each piece of equipment or system has been checked for proper lubrication, drive rotation, belt tension, control sequence, and for conditions which may cause damage.
- D. Verify tests, meter readings, and specified electrical characteristics agree with those required by the equipment or system manufacturer.
- E. Verify that wiring and support components for equipment are complete and tested.

- F. When specified in individual specification Sections, require manufacturer to provide authorized representative to be present at site to inspect, check, and approve equipment or system installation prior to start-up, and to supervise placing equipment or system in operation.
- G. Execute start-up in accordance with manufacturers' instructions.
- H. Submit a written report in accordance with Section 01330 that equipment or system has been properly installed and is functioning correctly.

1.3 DEMONSTRATION AND INSTRUCTIONS

- A. Demonstrate operation and maintenance of Products to Owner's personnel prior to date of Substantial Completion.
- B. Demonstrate Project equipment and instructed by a qualified manufacturers' representative who is knowledgeable about the Project.
- C. For equipment or systems requiring seasonal operation, perform demonstration for other season within six months.
- D. Utilize operation and maintenance manuals as basis for instruction. Review contents of manual with Owners' personnel in detail to explain all aspects of operation and maintenance.
- E. Demonstrate start-up, operation, control, adjustment, trouble-shooting, servicing, maintenance, and shutdown of each item of equipment at scheduled time, at equipment location.
- F. Prepare and insert additional data in operations and maintenance manuals when need for additional data becomes apparent during instruction.

PART 2 PRODUCTS

Not Used.

PART 3 EXECUTION

Not Used.

01785 OPERATION AND MAINTENANCE DATA

PART 1 GENERAL

1.1 SUMMARY

- A. Section includes:
 - 1. Format and content of manuals.
 - 2. Schedule of submittals.

1.2 QUALITY ASSURANCE

- A. Prepare instructions and data by personnel experienced in maintenance and operation of described products.

1.3 FORMAT

- A. Prepare data in the form of an instructional manual.
- B. Binders: Commercial quality, 8-1/2 x 11 inch three-ring binders with hardback, cleanable, plastic covers; one inch maximum ring size. When multiple binders are used, correlate data into related consistent groupings.
- C. Cover: Identify each binder with typed or printed title OPERATION AND MAINTENANCE INSTRUCTIONS; list title of Project; identify subject matter of contents.
- D. Internally subdivide the binder contents with permanent page dividers, logically organized as described below; with tab titling clearly printed under reinforced laminated plastic tabs.
- E. Drawings: Provide with reinforced punched binder tab. Bind in with text; fold larger drawings to size of text pages.

1.4 CONTENTS, EACH VOLUME

- A. Contents: Prepare a Table of Contents for each volume, with each product or system description identified, typed on white paper, in three parts.
- B. Part 1: Directory, listing names, addresses, and telephone numbers of Architect, Contractor, Subcontractors, and major equipment suppliers.
- C. Part 2: Operation and maintenance instructions, arranged by system and subdivided by specification section. For each category, identify names, addresses, and telephone numbers of Subcontractors and suppliers. Identify the following:
 - 1. Significant design criteria.
 - 2. List of equipment.
 - 3. Parts list for each component.
 - 4. Local source of supplies and parts.
 - 5. Operating instructions.
 - 6. Maintenance instructions for equipment and systems.
 - 7. Maintenance instructions for finishes, including recommended cleaning methods and materials, and special precautions identifying detrimental agents.
- D. Part 3: Project documents and certificates, including the following:
 - 1. Shop drawings and product data.
 - 2. Air and water balance reports.
 - 3. Certificates.
 - 4. Photocopies of warranties and bonds.
- E. Product Data: Mark each sheet to clearly identify specific products and component parts, and data applicable to installation. Delete inapplicable information.
- F. Drawings: Supplement product data to illustrate relations of component parts of equipment and systems, to show control and flow diagrams. Do not use Project Record Documents as maintenance drawings.
- G. Typed Text: As required to supplement product data. Provide logical sequence of instructions for each procedure, incorporating manufacturer's instructions submitted under provisions of Section 01330.

1.5 MANUAL FOR MATERIALS AND FINISHES

- A. Building Products, Applied Materials, and Finishes: Include product data, with catalog number, size, composition, color and texture designations. Provide information for re-ordering custom manufactured products.
- B. Instructions for Care and Maintenance: Include manufacturer's recommendations for cleaning agents and methods, precautions against detrimental agents and methods, and recommended schedule for cleaning and maintenance.
- C. Moisture Protection and Weather Exposed Products: Include product data listing applicable reference standards, chemical composition, and details of installation. Provide recommendations for inspections, maintenance, and repair.
- D. Additional Requirements: As specified in individual product specification Sections.

1.6 MANUAL FOR EQUIPMENT AND SYSTEMS

- A. Each Item of Equipment and Each System: Include description of unit or system, and component parts. Identify function, normal operating characteristics, and limiting conditions. Include performance curves, with engineering data and tests, and complete nomenclature and commercial model number of replaceable parts.
- B. Panelboard Circuit Directories: Provide electrical service characteristics, controls and communications.
- C. Operating Procedures: Include start-up, break-in, and routine normal operating instructions and sequences. Include regulation, control, stopping, shut-down, and emergency instructions. Include summer, winter, and any special operating instructions.
- D. Maintenance Requirements: Include routine procedures and guide for preventative maintenance and trouble shooting; disassembly, repair, and reassembly instructions; and alignment, adjusting, balancing, and checking instructions.
- E. Provide servicing and lubrication schedule, and list of lubricants required.
- F. Include manufacturer's printed operation and maintenance instructions.
- G. Include sequence of operation by controls manufacturer.
- H. Provide original manufacturer's parts list, illustrations, assembly drawings, and diagrams required for maintenance.
- I. Provide control diagrams by controls manufacturer as installed.
- J. Provide list of original manufacturer's spare parts, current prices, and recommended quantities to be maintained in storage.
- K. Additional Requirements: As specified in individual product specification Sections.
- L. Provide a listing in Table of Contents for design data and test and balance reports, with tabbed fly sheet. Allow space in manual for insertion of data by Owner.

1.7 SUBMITTALS

- A. Manual for Materials and Finishes:
 - 1. Submit 3 copies of completed manuals, in final form 30 days prior to application for Substantial Completion.

- B. Manual for Equipment and Systems:
1. Submit 3 copies of completed manuals, in final form 30 days prior to application for Substantial Completion.
 2. For equipment, or component parts of equipment put into service during construction and operated by Owner, submit manuals 15 days prior to equipment acceptance.
 3. Submit copies of additional data required for start-up, instruction and demonstration prior to application for final payment. Provide number of copies required for manuals.

PART 2 PRODUCTS
Not Used

PART 3 EXECUTION

Not Used

DIVISION 2 - SITE CONSTRUCTION

The requirements, set forth below, are in addition to the plans, drawings and specifications provided by the Architect, and as otherwise described in this Contract.

02040 SHORING AND BRACING

PART 1 - GENERAL

1.1 DESCRIPTION

- A. Extent of shoring and bracing work includes, but is not limited to, the following:
1. Temporary shoring for the support of the boardwalk building facades during removal and replacement of framing and at the intersection of the framing and the roof assembly.
 2. Shoring and bracing necessary to protect existing buildings, streets, walkways, utilities, and other improvements during demolition and construction.
 3. Maintenance of shoring and bracing.
 4. Removal of shoring and bracing, as required.
 5. All shoring or scaffolding supported by existing buildings will require signed and sealed engineering calculations and drawings prepared by an engineer licensed in the State of New Jersey to confirm that the existing structures can support scaffolding.

1.2 SUBMITTALS

- A. Layout Drawings: Provide layout drawings and calculations for the shoring and bracing system and other data prepared and sealed by a registered Professional Engineer licensed in the State of New Jersey.

1.3 QUALITY ASSURANCE

- A. Regulations: Comply with the Uniform Construction Code of the State of New Jersey and ordinances of governing authorities having jurisdiction.
- B. Controlled inspection for structural stability shall be provided by a NJ State licensed Engineer approved by the Architect and paid for by the Contractor.

1.4 JOB CONDITIONS

- A. Before starting work, check and verify governing dimensions and elevations. Survey condition of adjoining properties. Take photographs to record any prior settlement or cracking of structures, pavements, and other improvements. Prepare a list of such damages, verified by dated photographs, and signed by Contractor and the Owners or the Owners' representatives of those properties.
- B. Survey adjacent structures and improvements, establishing exact elevations at fixed points to act as benchmarks. Clearly identify benchmarks and record existing elevations. Locate datum level used to establish benchmark elevations sufficiently distant so as not to be affected by movement resulting from excavation operations.
- C. During any excavation, resurvey benchmarks weekly, employing a licensed Land Surveyor or registered Professional Engineer, licensed in the State of New Jersey.

1.5 EXISTING UTILITIES

- A. Protect existing active sewer, water, gas, electricity and other utility services and structures.
- B. Notify municipal agencies and service utility companies having jurisdiction. Comply with requirements of the local building department and governing agencies for protection, relocation, removal and discontinuing of services, as affected by this work.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. General: Provide suitable shoring and bracing materials, which will support loads imposed.

PART 3 - EXECUTION

3.1 SHORING

- A. Wherever shoring is necessary, locate the system to clear permanent construction and to permit forming and finishing of concrete surfaces. Provide shoring system adequately anchored and braced to resist earth and hydrostatic pressures.
- B. Shoring systems retaining earth on which the support or stability of existing structures is dependent must be left in place at completion of work.

3.2 BRACING

- A. Locate bracing to clear columns, floor framing construction, and other permanent work. If necessary to move a brace, install new bracing prior to removal of original brace.
- B. Do not place bracing where it will be cast into or included in permanent concrete work, or where it will impede the erection of new framing, masonry or miscellaneous fabrications except as otherwise acceptable to Owner.
- C. Install internal bracing, if required, to prevent spreading or distortion to braced frames.
- D. Maintain bracing until structural elements are rebraced by other bracing or until permanent construction is able to withstand lateral earth and hydrostatic pressures.
- E. Remove sheeting, shoring and bracing in stages to avoid disturbance to underlying soils and damage to structures, pavements, facilities and utilities.
- F. Repair or replace, as acceptable to Owner, adjacent work damaged or displaced through installation or removal of shoring and bracing work.

02070 SELECTIVE DEMOLITION

PART 1 -GENERAL

1.1 SUMMARY

- A. This Section addresses the demolition and/or the removal of selected existing building elements including:
 - 1. Selective removal of masonry for to allow the installation of new fabrications
 - 2. Removal of miscellaneous metals for repair and reinstallation.
 - 3. All other items indicated for removal on drawings.

1.2 DEFINITIONS

- A. Remove: Remove and legally dispose of items except those indicated to be reinstalled, salvaged,

or to remain the Owner's property.

- B. Remove and Salvage: Items indicated to be removed and salvaged remain the Owner's property. Remove, clean and pack or crate items to protect against damage. Identify contents of containers and deliver to Owner's designated storage area.
- C. Remove and Reinstall: Remove items indicated; clean, service and otherwise prepare them for reuse; store and protect against damage. Reinstall items in the same locations or in locations indicated.
- D. Existing to Remain: Protect construction indicated to remain against damage and soiling during selective demolition. When permitted by the Architect, items may be removed to a suitable, protected storage location during selective demolition and then cleaned and reinstalled in their original locations.

1.3 MATERIALS OWNERSHIP

- A. Except for items or materials indicated to be reused, salvaged, reinstalled or otherwise indicated to remain the Owner's property, demolished materials shall become the Contractor's property and shall be removed from the site with further disposition at the Contractor's option.

1.4 SUBMITTALS

- A. General: Submit each item in this Article according to the Conditions of the Contract and Division 1 Specification Sections, for information only, unless otherwise indicated.
- B. Proposed dust-control measures
- C. Schedule of selective demolition activities indicating the following:
 - 1. Detailed sequence of selective demolition and removal work, with starting and ending dates for each activity.
- D. Inventory of items to be removed and salvaged.
- E. Photographs or videotape, sufficiently detailed, of existing conditions of adjoining construction and site improvements that might be misconstrued as damage caused by selective demolition operations.

1.5 QUALITY ASSURANCE

- A. Demolition Firm Qualifications: Engage an experienced firm that has successfully completed selective demolition Work similar to that indicated for this Project and with not less than 7 years' documented experience performing similar operations with historic buildings.
- B. Regulatory Requirements: Comply with governing EPA notification regulations before starting selective demolition. Comply with hauling and disposal regulations of authorities having jurisdiction.

1.6 PROJECT CONDITIONS

- A. Owner assumes no responsibility for actual condition of building elements to be selectively demolished.

1. Conditions existing at time of inspection for bidding purpose will be maintained by Owner as far as practical.

- B. Storage or sale of removed items or materials on-site will not be permitted.

PART 2 - PRODUCTS

2.1 REPAIR MATERIALS

- A. Use repair materials identical to existing materials.

1. Where identical materials are unavailable or cannot be used for exposed surfaces, use materials that visually match existing adjacent surfaces to the fullest extent possible.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Verify that all necessary utilities have been temporarily disconnected.
- B. Survey existing conditions and correlate with requirements indicated to determine extent of selective demolition required.
- C. Photograph or videotape, inventory and record the condition of items to be removed and reinstalled and items to be removed and salvaged.
- D. When unanticipated mechanical, electrical or structural elements that conflict with the intended function or design are encountered, investigate and measure the nature and extent of the conflict. Promptly submit a written report to the Architect.
- E. Survey the condition of the building to determine whether removing any element might result in structural deficiency or unplanned collapse of any portion of the structure or adjacent structures during selective demolition.
- F. Perform surveys as the Work progresses to detect hazards resulting from selective demolition activities.

3.2 UTILITY SERVICES

- A. Maintain all existing utilities in service to allow continued operation; protect them against damage during selective demolition operations.
 1. Do not interrupt existing utilities serving occupied or operating facilities, except when authorized in writing by Owner and authorities having jurisdiction. Provide temporary services during interruptions to existing utilities, as acceptable to Owner and to governing authorities.
 - a. Provide not less than one weeks' notice to Owner if shutdown of service is required.
- B. Utility Requirements: Locate, identify, disconnect, and seal or cap off indicated utility services

serving building to be selectively demolished.

1. Where utility services are required to be removed or temporarily relocated, or abandoned, provide bypass connections to maintain continuity of service to other parts of the building before proceeding with selective demolition.

3.3 PREPARATION

- A. Drain, purge or otherwise remove, collect and dispose of chemicals, gases, explosives, acids, flammables or other dangerous materials before proceeding with selective demolition operations.
- B. Conduct demolition operations and remove debris to ensure minimum interference with roads, streets, walks and other adjacent occupied and used facilities.

1. Do not close or obstruct streets, walks or other adjacent occupied or used facilities without permission from Owner and authorities having jurisdiction. Provide alternate routes around closed or obstructed traffic ways if required by governing regulations.

- C. Conduct demolition operations to prevent injury to people and damage to adjacent buildings and facilities to remain. Ensure safe passage of people around selective demolition area.

1. Erect temporary protection, such as walks, fences, railings, canopies and covered passageways, with weatherproof lighting fixtures where required by authorities having jurisdiction.
2. Protect existing site improvements, appurtenances and landscaping.
3. Provide temporary weather protection, during interval between demolition and removal of existing construction, on exterior surfaces and new construction to ensure that no water leakage or damage occurs to structure or interior areas.
4. Protect walls, ceilings, floors and other existing finish work that are to remain and are exposed during selective demolition operations.
5. Cover and protect furniture, furnishings and equipment that have not been removed.

- D. Erect and maintain dustproof partitions and temporary enclosures to limit dust and dirt migration and to separate areas from fumes and noise.

- E. Provide and maintain interior and exterior shoring, bracing or structural support to preserve stability and prevent movement, settlement or collapse of building to be selectively demolished.

1. Strengthen or add new supports when required during progress of selective demolition.

3.4 POLLUTION CONTROLS

- A. Use water mist, temporary enclosures and other suitable methods to limit the spread of dust and dirt in particular stone dust. Comply with governing environmental protection regulations.

1. Do not use water when it may damage existing construction or create hazardous or objectionable conditions, such as ice, flooding and pollution.
 2. Use facemasks and breathing apparatus when removing brownstone.
- B. Remove and transport debris in a manner that will prevent spillage on adjacent surfaces and areas.
1. Remove debris from elevated (roofs) portions of building by chute, hoist or other device that will convey debris to grade level.
 2. Clean adjacent structures and improvements of dust, dirt and debris caused by selective demolition operations. Return adjacent areas to condition existing before start of selective demolition.

3.5 SELECTIVE DEMOLITION

- A. Demolish and remove existing construction only to the extent required as indicated in drawings. Use methods required to complete Work within limitations of governing regulations and as follows:
1. Neatly cut openings and holes plumb, square, and true to dimensions required. Use cutting methods least likely to damage construction to remain or adjoining construction. To minimize disturbance of adjacent surfaces, use hand or small power tools designed for sawing or grinding, not hammering and chopping. Temporarily cover openings to remain.
 2. Cut or drill from the exposed or finished side into concealed surfaces to avoid marring existing finished surfaces.
 3. Use of cutting torches shall not be permitted.
 4. Maintain adequate ventilation.
 5. Remove decayed, vermin-infested, or otherwise dangerous or unsuitable materials. Save material samples and mark locations on project record documents. When directed by Architect, promptly dispose of off-site.
 6. Where applicable, remove structural framing members and lower to ground by method suitable to avoid free fall and to prevent ground impact or dust generation.
 7. Locate selective demolition equipment throughout the structure and remove debris and materials so as not to impose excessive loads on supporting walls, floors, or framing.
 8. Dispose of demolished items and materials promptly. On-site storage or sale of removed items is prohibited.
 9. Return elements of construction and surfaces to remain to condition existing before start of selective demolition operations.

3.6 PATCHING AND REPAIRS

- A. Promptly patch and repair holes and damaged surfaces caused to adjacent construction by selective demolition operations.
- B. Patching is specified in Division 1 Section "Cutting and Patching."
- C. Where repairs to existing surfaces are required, patch to produce surfaces suitable for new materials.

1. Completely fill holes and depressions in existing masonry walls to remain with an approved masonry patching material, applied according to manufacturer's printed recommendations.
- D. Restore exposed finishes of patched areas and extend finish restoration into adjoining construction to remain in a manner that eliminates evidence of patching and refinishing.

3.7 DISPOSAL OF DEMOLISHED MATERIALS

- A. General: Promptly dispose of demolished materials. Do not allow demolished materials to accumulate on-site.
- B. Burning: Do not burn demolished materials.
- C. Disposal: Transport demolished materials off Owner's property and legally dispose of them.

3.8 CLEANING

- A. Remove all debris adjacent to the building perimeter on a daily basis.
- B. Cut back vegetation to ensure proper clean up and install tarps as necessary to minimize debris from removal work.

02225 MINOR DEMOLITION FOR REMODELING

PART 1 GENERAL

1.1 SUMMARY

- A. Section includes:
1. Removal of designated building equipment and fixtures.
 2. Removal of designated construction
 3. Dismantling, cutting and alterations as indicated and necessary for the completion of the Work.
 4. Disposal of materials.
 5. Storage of removed materials.
 6. Identification of utilities.
 7. Salvaged items.
 8. Protection of items to remain as indicated.

1.2 SUBMITTALS

- A. Section 01330 - Submittal Procedures: Submittal procedures.
- B. Shop Drawings: Indicate demolition and removal sequence and location of salvageable items; location and construction of temporary work.
- C. Demolition Schedule: Indicate overall schedule and interruptions required for utility and building services.

1.3 CLOSEOUT SUBMITTALS

- A. Section 01700 - Execution Requirements: Closeout procedures.

- B. Project Record Documents: Accurately record actual locations of capped utilities, concealed utilities discovered during demolition, and subsurface obstructions.

1.4 SEQUENCING

- A. Section 01100 - Summary: Work sequence.
- B. Owner will conduct salvage operations before demolition begins to remove materials Owner chooses to retain.

1.5 SCHEDULING

- A. Section 01300 - Administrative Requirements: Coordination and project conditions.
- B. Schedule Work to coincide with new construction.
- C. Cooperate with Owner in scheduling noisy operations and waste removal that may impact Owners operation and scheduled public events in adjoining spaces.

- D. Perform noisy, malodorous or dusty work:
 - 1. Between the hours of 7 AM and 3PM,
 - 2. This work will not be performed on Sundays and holidays
- E. Coordinate utility and building service interruptions with Owner.

1.6 PROJECT CONDITIONS

- A. Conduct demolition to minimize interference with adjacent and occupied buildings and areas.
- B. Cease operations immediately if structure appears to be in danger and notify Architect/Engineer. Do not resume operations until directed.

PART 2 PRODUCTS

2.1 FILL MATERIALS

- A. Not Used

PART 3 EXECUTION

3.1 PREPARATION

- A. Provide, erect, and maintain temporary safeguards, including warning signs and lights, barricades and similar measures, for protection of the public, Owner, Contractor's employees, and existing improvements to remain.
- B. Protect existing materials and existing improvements which are not to be demolished.

- C. Prevent movement of structure; provide temporary bracing and shoring required to ensure safety of existing structure.
- D. Notify affected utility companies before starting work and comply with their requirements.
- E. Mark location and termination of utilities.
- F. Provide appropriate temporary signage, including signage for exit or building egress.

3.2 SALVAGE REQUIREMENTS

- A. Coordinate with Owner to identify building components and equipment required to be removed and delivered to Owner.
- B. Tag components and equipment Owner designates for salvage.
- C. Protect designated salvage items from demolition operations until items can be removed.
- D. Carefully remove building components and equipment indicated to be salvaged.
- E. Disassemble as required to permit removal from building. Obtain existing operation and maintenance manuals from Owner to assist in disassembly.
- F. Package small and loose parts to avoid loss.
- G. Mark equipment and packaged parts to permit identification and consolidation of all components of each salvaged item.
- H. When available, copy assembly instructions from operation and maintenance manual. Otherwise, prepare assembly instructions consistent with disassembled parts. Package assembly instructions in protective envelope and securely attach to each disassembled salvaged item.
- I. Deliver salvaged items and operation and maintenance manuals to Owner. Obtain signed receipt from Owner.

3.3 DEMOLITION

- A. Conduct demolition to minimize interference with adjacent structures and building areas.
- B. Conduct operations with minimum interference to public or private accesses.
- C. Do not close or obstruct roadways and sidewalks without permits.
- D. Obtain written permission from adjacent property owners when demolition equipment will traverse, infringe upon or limit access to their property.
- E. Disconnect, remove, cap and identify designated utilities within demolition areas.
- F. Disconnect and remove designated utilities within demolition areas. Cap and identify abandoned utilities at termination points when utility is not completely removed. Annotate Record Drawings indicating location and type of service for capped utilities remaining after demolition.

- G. Demolish in an orderly and careful manner. Protect existing improvements and items scheduled to remain.
- H. Carefully remove building components indicated to be reused.
 - 1. Disassemble components as required to permit removal.
 - 2. Package small and loose parts to avoid loss.
 - 3. Mark components and packaged parts to permit reinstallation.
 - 4. Store components, protected from construction operations, until reinstalled.
- I. Remove demolished materials from site except where specifically noted otherwise. Do not burn or bury materials on site.
- J. Remove materials as Work progresses. Upon completion of Work, leave areas in clean condition.

Remove temporary Work.

02300 Dust and Dirt Control Measures.

A. Dust Control (if and where directed by the Architect). The Contractor shall employ construction methods and means that keep flying dust to the minimum. The Contractor shall also sprinkle water on the Project and on roads, streets, and other areas immediately adjacent to the Project limits, wherever pedestrian or vehicular traffic, or buildings that are occupied or in use are affected by such dust caused by the Contractor's hauling or other construction operations.

B. Dirt Control (if and where directed by the Architect). The Contractor shall provide for prompt removal from the Boardwalk of all dirt and other materials that have been spilled, washed, tracked, or otherwise deposited thereon by its hauling and other operations whenever the accumulation is sufficient to cause the formation of mud, interfere with drainage, damage boards, or create a pedestrian traffic hazard.

DIVISION 5 – METAL

05400 COLD-FORMED METAL FRAMING

PART 1 GENERAL

1.1 SUMMARY

- A. Section includes load bearing formed steel stud exterior wall, interior wall and parapet framing; and formed steel slotted channel, bridging and required accessories.

1.2 SYSTEM DESCRIPTION

- A. Size components to withstand design loads as follows:
 - 1. Vertical Assembly: As required for the wind speed and exposure category indicated. And the referenced code standard.
 - 2. Horizontal Assembly: 150psf live and dead loads, or as required by the referenced and governing codes.
- B. Maximum Allowable Deflection: 1: 360 of span.
- C. Wall and Parapet System:
 - 1. Design to AISI SG-9736 Cold-Formed Steel Design Manual.

2. Design to provide for movement of components without damage, failure of joint seals, undue stress on fasteners, or other detrimental effects when subject to seasonal or cyclic day/night temperature ranges.
3. Design system to accommodate construction tolerances, deflection of building structural members, and clearances of intended openings.
 - a. Wind Loads: Provide wall and parapet system, including anchorage, capable of withstanding wind loads calculated according to requirements of authorities having jurisdiction or as determined by the American Society of Civil Engineers' ASCE 7, "Minimum Design Loads for Buildings and Other Structures," "Analytical Procedure," whichever are more stringent.
 - 1) Design parapet system for 120 mph wind, load, Category C.
 - b. Seismic Loads: Provide wall and parapet system, including anchorage, capable of withstanding the effects of earthquake motions calculated according to requirements of authorities having jurisdiction or ASCE, "Minimum Design Loads for Buildings and Other Structures," Section 9, "Earthquake Loads," whichever are more stringent, based on the latest available soils testing data.

1.3 SUBMITTALS

- A. Section 01330 - Submittal Procedures: Submittal requirements.
- B. Submittals: Product data for each type of cold-formed metal framing, accessory, and product specified; material mill certificates or qualified independent testing agency test reports; welder certificates, elaborated as follows:
 1. Shop Drawings:
 - a. Indicate component details, framed openings, bearing, anchorage, loading, welds, type and location of fasteners, and accessories or items required of related Work.
 - b. Indicate stud, floor joist, ceiling joist, roof joist, roof rafter, roof truss, and bridging layout.
 - c. Describe method for securing studs to tracks and for welded framing connections.
 - d. Submit signed and seals calculations for loadings and stresses of specially fabricated framing, roof supports and support framing for cold formed fabrications prepared by or under the direct supervision of a professional engineer, licensed in the State of New Jersey.
 2. Product Data: Submit data on standard framing members; describe materials and finish, product criteria and limitations.
 3. Manufacturer's Installation Instructions: Submit special procedures, perimeter conditions requiring special attention and inspection.
 4. Mill Certifications: Submit mill certifications for steel delivered to site. Certify steel bare metal thickness in 0.001 inch yield strength, tensile strength, total elongation in 2 inch or 8 inch gauge length, chemical analysis, and galvanized coating thickness.
 5. Fire-Test-Response Characteristics: Where fire-resistance-rated assemblies are indicated, provide cold-formed metal framing identical to that tested as part of an assembly for fire resistance per ASTM E 119 by an independent testing and inspecting agency acceptable to authorities having jurisdiction.
 - a. Fire-Resistance Ratings: As indicated by design designations listed in UL "Fire Resistance Directory," or by Warnock Hersey or another testing and inspecting agency acceptable to authorities having jurisdiction.

1.4 QUALITY ASSURANCE

- A. Calculate structural properties of framing members in accordance with AISI SG-973 Specification for Design of Cold-Formed Steel Structural Members.
- B. Furnish framing materials in accordance with SSMA - Product Technical Information.

1.5 QUALIFICATIONS

- A. Manufacturer: Company specializing in manufacturing products specified in this section with minimum three years documented experience.
 - 1. Current member of Steel Stud Manufacturers Association.
- B. Installer: Company specializing in performing Work of this section with minimum 5 years documented experience.
- C. Form, fabricate, provide, and connect components in accordance with NAAMM ML/SFA 540 - Lightweight Steel Framing Systems Manual.

1.6 PERFORMANCE REQUIREMENTS

- A. Design structural elements under direct supervision of Professional Engineer experienced in design of this Work and licensed in the State of New Jersey not less than five years direct A.
- B. Structural Performance: Engineer structural steel connections required by the Contract Documents to be selected or completed by the fabricator to withstand design loadings indicated.
- C. Engineering Responsibility: Engage a fabricator who utilizes a qualified professional engineer to prepare calculations, Shop Drawings, and other structural data for structural steel connections. experience in the design of the specified assemblies.

1.7 MOCKUP

- A. Section 01400 - Quality Requirements: Mockup requirements.
- B. Construct exterior framed wall including corner condition mockup, 6 feet high by 8 feet wide including insulation, sheathing, window frame, door frame and exterior finish specified in other sections.
- C. Locate where directed by Architect/Owner
- D. Retain accepted mockup as completed Work.

1.8 COORDINATION

- A. Section 01300 - Administrative Requirements: Coordination and project conditions.

1.9 DELIVERY STORAGE AND HANDLING

- A. Protect cold-formed metal framing from corrosion, deformation, and other damage during delivery, storage, and handling.
- B. Store cold-formed metal framing, protect with a waterproof covering, and ventilate to avoid condensation.

PART 2 PRODUCTS

2.1 COLD-FORMED METAL FRAMING

- A. Manufacturers:
 - 1. Clark Steel Framing Systems.
 - 2. Harrison Manufacturing Co.
 - 3. Marino\Ware.
 - 4. Substitutions: Section 01600 - Product Requirements.

2.2 FRAMING COMPONENTS

- A. Steel Sheet: ASTM A1003/A1003M; Structural Grade, Type H, metallic coated.
 - 1. Framing Grade: ST33H
 - 2. Track Grade: ST33H.
 - 3. Coating: G90.
- B. Galvanized-Steel Sheet: ASTM A 446 (ASTM A 446M), zinc coated according to ASTM A 525 (ASTM A 525M); G 60 (Z180); Grade C, 40,000psiminimum yield strength.
- C. Steel Studs and Track: Manufacturer's standard steel studs and tracks, of web depths indicated, complying with the following:
 - 1. Design Uncoated-Steel Thickness: 0.0598 inch.
 - 2. Flange Width: 1-5/8 inches.

2.3 ACCESSORIES

- A. Fabricate steel-framing accessories of the same material and finish used for framing members, with minimum yield strength of 33,000 psi.
- B. Bracing, Furring: Formed sheet steel, thickness determined by performance requirements specified for steel studs and track..
- C. Touch-Up Paint: ASTM A780; galvanizing repair paint.
- D. Steel Shapes and Clips: ASTM A 36 (ASTM A 36M), zinc coated by the hot-dip process according to ASTM A 123.
- E. Cast-in-Place Anchor Bolts and Studs: ASTM A 307, Grade A (ASTM F 568, Property Class 4.6); carbon-steel hex-head bolts and studs; carbon-steel nuts; and flat, unhardened-steel washers. Zinc coated by the hot-dip process according to A STM A 153.
- F. Mechanical Fasteners: Corrosion-resistant coated, self-drilling, self-threading steel drill screws with low-profile heads beneath sheathing; manufacturer's standard elsewhere.
- G. Galvanizing Repair Paint: SSPC-Paint 20 or DOD-P-21035, with dry film containing a minimum of 94 percent zinc dust by weight.
- H. Cement Grout: Portland cement, ASTM C 150, Type I; and clean, natural sand, A-STM C 404. Mix at ratio of 1 part cement to 2-1/2 parts sand, by volume, with minimum water required for placement and hydration.
- I. Nonmetallic, Nonshrink Grout: ASTM C 1107.
- J. Thermal Insulation: ASTM C 665, Type I, unfaced.

2.4 FASTENERS

- A. Fasteners: ASTM C1513; self-tapping, corrosion resistant screws.
- B. Anchorage Devices: Power actuated, drilled expansion bolts, screws with sleeves, as predicated by site and substrate conditions and as directed by the Architect.
- C. Welding: In conformance with AWS D1.1 and AWS D1.3.

2.5 FABRICATION

- A. Fabricate assemblies of formed sections of sizes and profiles required.
- B. Fit, reinforce, and brace framing members to suit design requirements.
- C. Fit and assemble in largest practical sections for delivery to site, ready for installation.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Section 01300 - Administrative Requirements: Coordination and project conditions.
- B. Verify substrate surfaces building framing components are ready to receive Work.
- C. Verify rough-in utilities are in proper location.

3.2 INSTALLATION – GENERAL

- A. Install cold-formed metal framing and accessories plumb, square, true to line, and with connections securely fastened, according to manufacturer's recommendations and the requirements of this Section.
 - 1. Cut framing members by sawing or shearing; do not torch cut.
 - 2. Fasten cold-formed metal framing members by welding or screw fastening, as standard with fabricator. Wire tying of framing members is not permitted.

3.3 ERECTION OF STUDS

- A. Align floor and ceiling tracks; locate to wall or partition layout. Secure in place with fasteners at maximum 16 inches oc.
- B. Place studs at 16 inches oc; unless closer spacing is required due to wind loading; not more than 2 inches from abutting walls and at each side of openings. Connect studs to tracks using fastener or welding method.
- C. Install framing members in one-piece lengths.
- D. Provide temporary bracing and leave in place until framing is permanently stabilized.
- E. Construct corners using minimum three studs. Double stud wall openings, door jambs, and window jambs.
- F. Erect load bearing studs one piece full length. Splicing of studs is not permitted.

- G. Erect load bearing studs, brace, and reinforce to develop full strength, to achieve design requirements.
- H. Fully seat axial loaded studs in receiving tracks (maximum 1/16 inch gap between stud and track web).
- I. Coordinate placement of insulation in multiple stud spaces after erection.
- J. Install intermediate studs above and below openings to align with wall stud spacing.
- K. Install studs with deflection allowance in stud track, directly below horizontal building framing at non-load bearing framing.
- L. Attach cross studs or furring channels to studs for attachment of fixtures anchored to walls.
- M. Install framing between studs for attachment of mechanical and electrical items, and to prevent stud rotation.
- N. Fasten reinforcement plate over web penetrations that exceed size of manufacturer's standard punched openings.
- O. Install insulation in built-up exterior framing members.
- P. Touch-up field welds and damaged metallic coatings surfaces with primer to match shop coating.
- Q. Complete framing ready to receive sheathing.

3.4 NONLOAD-BEARING CURTAINWALL INSTALLATION

- A. Install, align, and securely anchor continuous tracks to supporting structure. Squarely seat studs against webs of top and bottom tracks. Space studs as indicated; plumb, align, and fasten both flanges of studs to top and bottom track.
- B. Isolate steel framing from building structure at locations indicated to prevent transfer of vertical loads while providing lateral support.
- C. Install horizontal bridging in curtainwall studs, spaced in rows not more than 48 inches (1219 mm) apart. Fasten at each stud intersection.
- D. Install miscellaneous framing and connections, including stud kickers, web stiffeners, clip angles, continuous angles, anchors, fasteners, and stud girts, to provide a complete and stable curtainwall-framing system.

3.5 ERECTION TOLERANCES

- A. Section 01400 - Quality Requirements: Tolerances.
- B. Install cold-formed metal framing to a maximum allowable tolerance variation from plumb, level, and true to line of 1/8 inch in 10 feet (1:960) and as follows:
 1. Space individual framing members no more than plus or minus 1/8 inch from plan location. Cumulative error shall not exceed minimum fastening requirements of sheathing or other finishing materials.
 2. Install cold-formed metal framing to a maximum out-of-square tolerance of 1/8 inch (3 mm).

3.6 REPAIR

- A. Galvanizing Repairs: Prepare and repair damaged galvanized coatings on fabricated and installed cold-formed metal framing with galvanizing repair paint according to ASTM A 780 and the manufacturer's instructions.

DIVISION 10 – SPECIALS

10290 PEST CONTROL

PART 1 GENERAL

1.1 SUMMARY

- A. Section includes:
 - 1. Bird control devices for the following areas
 - a. Awnings
 - b. Light fixtures
 - c. Signs
 - d. Decorative elements
 - e. Vertical and horizontal surfaces
 - f. Straight, curved and irregular surfaces.

1.2 SUBMITTALS

- A. Refer to Section 01600
- B. Shop Drawings: Provide shop drawings showing the types of product and the locations of those products superimposed on building elevations and details.
 - 1. Indicate the spacing of the different types of material and indicate how the placement will prohibit the roosting of birds.
 - 2. Indicate the methods to be utilized in the mounting or otherwise securing the anti-roosting devices to the surfaces present.
 - 3. Detail the attachment devices.
 - 4. Include layout of wires, anchors, and attachment points.
- C. Product Data: For each type of pest control device indicated. Include mounting details and attachment to surrounding materials.
 - 1. Manufacturer's literature including: Planning guide, completed estimate worksheets and installation instructions for the specified Model(s) and mounting hardware.
- D. Product Samples: Sample of all specified Model(s) - not less than 2 foot in length.
 - 1. Provide the sample mounted of construction which would replicate the building materials, the shapes, including irregular or curved surfaces.
 - 2. Provide mounted samples of anti-roosting devices over projections, light fixtures and similar impediments encountered on the building surface.
- E. Color chart of manufacturer's standard colors.
- F. Provide warrantee information, including type of coverage and duration of coverage.

1.3 QUALIFICATIONS

- A. Manufacturer: Company specializing in manufacturing products specified in this section with minimum five years documented experience.

1. All materials specified in this section must originate from one manufacturer; in the event multiple manufacturers are used, due to product patent limitations all manufacturers will jointly guarantee their individual products.
- B. Applicator: Company specializing in performing Work of this section with minimum five years documented experience with projects of a similar size and complexity.

1.4 QUALITY ASSURANCE

- A. Product Options: Drawings indicate requirements of bird control devices and are based on the products indicated. Other manufacturers' products with equal performance characteristics may be considered. Refer to Division 1 Section "Substitutions."
- B. Installer's Responsibilities:
 1. Prior to installation the installer must visit and become totally familiar with the site and the conditions imposed by the decorative elements and the lighting fixtures and signs.
 2. The installer must obtain, review and understand the pest control manufacturer's planning guides, estimating worksheets and installation instructions.
 3. The installer must be completely familiar with the proper installation procedures for the pest control manufacturer's bird anti-roosting devices specified.
 4. The installer must be completely familiar with the specified mounting hardware and mounting hardware installation procedures for the types of surfaces, both material and shape which are present on this project.
- C. Mockups: Before installing bird control devices, construct mockups for each form of attachment. Build mockups to comply with the following requirements, using materials indicated for the completed Work.
 1. Locate mockups in the location and of the size indicated or, if not indicated, as directed by Architect.
 2. Notify Architect 7 days in advance of the dates and times when mockups will be constructed.
 3. Maintain mockups during construction in an undisturbed condition as a standard for judging the completed Work.
 - a. Approved mockups in an undisturbed condition at the time of Substantial Completion may become part of the completed Work.

1.5 STORAGE & HANDLING

- A. Upon delivery the Installer will provide the Contractor will a detailed list, including quantities of all materials delivered to the site, with a shop drawing indicating the placement locations and the quantities required at each location for each type of delivered material.
 1. The Installer will indicate on the list of materials whether the shipment is complete or partial.
- B. Provide protected storage to keep shipping boxes dry, clean and undamaged.
- C. Do not open the boxes until ready for installation
- D. Do not stack or place other packaging on the shipping boxes.
- E. Keep Anti-Roosting Materials and Mounting Hardware in original packaging until needed for installation.
- F. All damaged and missing items are to be replaced at no additional cost to the Owner.

1.6 ENVIRONMENTAL REQUIREMENTS

- A. Section 01600 - Products Requirements.

- B. Maintain temperature and humidity recommended by the manufacturer during and after installation.
- C. Do not install anti-roosting devices that rely on epoxies or adhesives when either the surface temperature or the air temperature is below 40 deg. F or above 90 deg. F
- D. Do not install the products during rain, fog, mist or when the surfaces are wet or damp or whenever the environmental conditions effect the application and the curing of the adhesives or epoxies.

1.7 COORDINATION

- A. Section 01300 - Administrative Requirements: Coordination and project conditions.
- B. Coordinate Work with sections referencing this section.

1.8 PROJECT CONDITIONS

- A. Field Measurements: Verify field measurements are correct before installation of materials.
- B. Notify the Contractor and the Architect in writing if conditions found or encountered are not as indicated on the Contract Documents and would adversely effect the installation of the specified products.
- C. Furnish all anchorage devices required to fasten system to building structure.

1.9 WARRANTY

- A. Refer to Division 1.
- B. The Manufacturer will furnish a minimum five warranty against U. V. breakdown of any of the anti-roosting components or attachment materials.
- C. The installer will furnish a 2 year installation warranty against failure of the adhesives, epoxies or mechanical anchors to hold or maintain the anti-roosting products in their designed position or location.

PART 2 PRODUCTS

2.1 Manufacturers

- A. Acceptable Manufacturers: subject to compliance with the requirements of this specifications, provide products from one of the following manufacturers
 1. Bird-B-Gone, Inc.
 2. Bird Barrier America
 3. Bird Master Bird Control Systems.
 4. No Fly Zone
 5. Nix-a-Lite
 6. Substitutions: Refer to Division 1.

2.2 MATERIALS

- A. Bird Netting:
 1. Bird Control Device: 3/4 inch heavy duty, ultra violet stabilized knotted polyethylene net. Flame resistant, rot proof, non-conductive and stable in sub zero temperatures.
 2. Breaking Strength: 41 pounds per strand.
 3. Netting Color: As selected from manufacturers' standard range.

- B. Bird Spike System
1. Materials: Provide barrier strips composed of 316 stainless steel wire and strip barriers.
 2. Wires: 316 stainless steel, 0.050" diameter, full-hard spring temper, 250,000 lbs. / In. tensile strength.
 3. Base Strip: 316 stainless steel, 0.25" wide x 0.02" thick (, full anneal for flexibility, easy strip cutting and surface shape memory.
 4. Strip Lengths: Provide 12", 16", 24" and 48" strip lengths.
 5. Strip types: Provide the following types for the uses indicated for that type:
 - a. Type 1: 4" high, 4" wide) NO LESS THAN 120 wire points per foot. Full 180-degree wire coverage. For all bird species on all types of surfaces.
 - b. Type 2: 4" high, 2" wide (5.1 cm), NO LESS THAN 60 wire points per foot, 90 degree wire coverage. For surfaces less than 2" in depth and width.
 6. Finish: Natural stainless steel finish with manufacturers Powder Color Coat finish.
 - a. Powder Color Coat: As selected by the Architect from the manufacturer's standard range of colors.
- C. Wire Bird Control Device
1. Materials Thin wires spring tensioned between posts mounted at alternating heights to create an unstable landing platform
 - a. Wires: Nylon coated marine grade stainless steel, sized in accordance with manufacturer's standard, but not less than 0.015 inch diameter; invisible from a distance of 6 m.
 - b. Posts and Anchors: Marine grade stainless steel suitable for conditions indicated.
 - 1) Provide posts of various heights as recommended by manufacturer for the conditions indicated.
 - 2) All posts are to be a minimum diameter of 1/8 inch (0.125 inch)
 - c. Spring Tensioners: Marine grade stainless steel to maintain wires taut.
 - 1) Powder Color Coat: As selected by the Architect from the manufacturer's standard range of colors
 - a) Powder coat all posts and anchors
 2. Accessories: Corner and Intermediate Attachments are to be fabricated from 316 alloy stainless steel:
 - a. Anchor rivets
 - b. Crimps.
 - c. Split pins.
 - d. Multi-purpose cable brackets.
 - e. Straining cable and ferrules.
 - f. Turnbuckles.
 3. Fabrication
 - a. Fabricate wires to lengths required with ends for attachment to anchors, posts, and spring tensioners.
 - b. Fabricate posts to required heights with anchors to suit application and substrate conditions.
 - c. Fabricate cables to lengths required for attachment to anchor rivets, cable brackets, and turnbuckles.
 - d. Fabricate attachments to required heights with anchors to suit application and substrate conditions.
- D. Ledge Modification Device System (LMDS)
Not Used
- E. Miscellaneous Devices: Provide special fabrications to fit over projections and impediments that would prohibit or curtail the effectiveness of standard products.
1. Provide special fabrications to fit over light fixtures or ornamental elements to allow continuous runs of anti- roosting devices.
 2. Fabricate these devices from 316 stainless steel, 0.050 diameter spikes, 0.015 wire or similar materials; attached with standard adhesives or fasteners.

- F. Fabricate barrier strips with permanently mounted spikes, with sharpened terminations and welded or mechanically fastened to the mounting plate so as to remain imperious to dislodgement.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Examine substrate surfaces, with Installer present, for compliance with requirements and other conditions affecting installation of bird control devices.
- B. Do not proceed with installation until unsatisfactory conditions have been corrected.
- C. Protect surrounding materials from damage.

3.2 PREPARATION

- A. Field Measurements: Verify dimensions of each installation surface. Use manufacturer's Planning Guidelines and Estimate Worksheet to assure sufficient quantity of bird control to properly protect the specified surfaces.
 - 1. Provide additional materials as required to allow proper coverage of all roosting and nesting areas.
- B. Make sure all installation surface finishing requirements have been accomplished before installing Bird Control types.
 - 1. Do Not apply any surface coating or treatment (paint, sealer, etc.) over the installed bird control devices or mounting hardware.

3.3 SURFACE CLEANING

- A. All surfaces to be clean, dry and free of obstructions before bird control is installed.
- B. Repair or restore all surfaces as required to assure proper fit and adhesion of materials.
- C. Fecal Contaminated Surface: Treat, neutralize and safely remove all bird waste from installation surfaces. Installer must follow all City, State and Federal regulations regarding the proper removal and disposal of bird droppings.
 - 1. Use Specified surface cleaning and anti-bacterial personal protection products prevent disease transmission and to neutralize any bird droppings, nests and related waste materials that may be present.
 - 2. Allow all surfaces to air dry completely, and then reapply to sanitize and deodorize the surface before proceeding.
 - 3. Strictly follow manufacturer's treatment instructions

3.4 INSTALLATION

- A. Strips
 - 1. Install specified bird control devices in strict accordance with manufacturer's strip spacing and installation guidelines. Protect all surfaces.
 - 2. Cover the entire surface.
 - 3. Install the strips so that there are no gaps between sections, cut strips where necessary to fit the surface properly.
 - 4. Extend the spikes over outside edge of surface by at least 1/4"
 - 5. Allow the base strips to extend over any open end of surface by at least 1/2".
 - 6. Fasten the strips to the surface with the mounting hardware recommended by the manufacturer. Follow hardware spacing guidelines and installation procedures supplied by manufacturer.

B. WIRES

1. Install bird control wire devices in accordance with manufacturer's instructions.
2. Cover entire surface of bird landing areas with bird control devices.
3. Space posts maximum 5 inches on center along the length of wires and maximum 15 inch runs on center perpendicular to wires. Install five strands of wires at landing areas, unless otherwise indicated on the drawings. Secure posts to substrate, with both screws and two part epoxy.
4. Install wires and spring tension to correct elevation as instructed by manufacturer.
5. At roof line application, provide a custom bracket to allow wire to pass over light fixture so as not to obstruct the light source.
6. At curved areas or locations shorten the wire spacing as required to allow for proper installation.
7. Seal penetrations in substrate required for installation of bird control devices.
8. mount the towers or bases with two part epoxy.

C. Netting

1. Install the anti-roosting netting in accordance with the manufacturer's directives
2. Follow the contour of the areas where roosting is to be excluded.
3. Fasten stainless steel cable guides, 1/16 inch stainless steel cable, cable eyelets, rings and furls with drilled stainless steel screws, set into expansion anchors anchorage devices.
4. Stretch the netting "guitar string" tight to provide a straight line installation.
5. Do not allow loose or sagging installations, retighten, prior to substantial completion.

3.5 ADJUSTING AND CLEANING

- A. Refer to Division 1.
- B. Remove all excess epoxy resins and other adhesives from the surfaces surrounding the points of mounting. Use only those removal products recommended by the manufactures of the attachment materials.
- C. Protect the bird control devices during and after installation from damage caused by adjacent construction activities or other causes which could affect the performance or effectiveness of the system, until acceptance.
- D. Cut and remove all damaged materials or deteriorate components of the anti-roosting systems and install new materials, equal to the ones replaced.
- E. Render repaired areas indistinguishable from those of the original installation in appearances and performance.
- F. Retention the netting as required to restore the "guitar string" tightness.
- G. Clean units according to manufacturer's written instructions.

10430 EXTERIOR SIGNS

PART 1 GENERAL

1.1 SUMMARY

- A. Section includes:
 1. Exterior building signs.

1.2 SUBMITTALS

- A. Section 01330 - Submittal Procedures: Submittal procedures.

- B. Shop Drawings:
 - 1. Provide hand or computer generated, signed and sealed drawings and calculations, prepared by and under the direct supervision of an engineer licensed in the State of New Jersey indicating that the construction of the sign, its assembled components and its attachment to the building façade/structure is congruent with the governing reference code.
 - 2. Indicate each sign to scale indicating sizes, design, complete text; materials, methods of attachment.
- C. Product Data: Manufacturer's technical literature on each type of sign.
- D. Manufacturer's Installation Instructions: Submit installation instructions for attachment to sign substrate.
- E. Samples: Submit two samples **12 x 12 inches** of sign material indicating finish and color.

1.3 QUALITY ASSURANCE

- A. Design signs and sign attachment to façade/structure to withstand 120 mile per hour wind, exposure category D in accordance with IBC 2000 and ASCE 7.

1.4 QUALIFICATIONS

- A. Manufacturer: Company specializing in manufacturing products specified in this section with minimum five years documented experience.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Section 01600 - Product Requirements: Product storage and handling requirements.
- B. Protect signs from damage.
- C. Protect finished surfaces with strippable coating. Do not use adhesive papers or sprayed coatings which bond when exposed to sunlight or weather.

1.6 WARRANTY

- A. Section 01700 - Project Closeout: Warranty requirements.
- B. Submit manufacturer's five year warranty against fading spalling, pinholes, discoloration, staining, gloss reduction and rusting for porcelain enamel signs.

PART 2 PRODUCTS

2.1 EXTERIOR SIGNS

- A. Manufacturers:
 - 1. Sign Spec, Inc.
 - 2. Kunda Sign
 - 3. Apco Graphics Inc.
 - 4. Substitutions: Section 01600 - Product Requirements.

2.2 SINGLE FACE BLASTED SIGN – TENANT NAMES

- A. Manufacturers:
 - 1. Sign Spec, Inc.
 - 2. Kunda Sign

3. Apco Graphics Inc.
 4. Substitutions: Section 01600 - Product Requirements.
- B. Face Panels: Everwood HDU or equal. Routed exterior shape with raised border, text and logos. 1 ½" thick HDU blasted without wood grain detail.
 - C. Blasted HDU sign face to be backed with .125 aluminum backer panel. Attachment per manufacturer.
 - D. HDU to be blasted, primed, and painted with a finishing clear coat.
 - E. Colors to match approved color criteria and shape.

2.3 ACCESSORIES

- A. Fasteners and Supports: Non rusting; types, sizes, and configurations as recommended by the sign manufacturer.

2.4 DEDICATION PLAQUE

- A. Manufacturers:
 1. Sign Spec, Inc.
 2. Kunda Sign
 3. Apco Graphics Inc.
 4. Substitutions: Section 01600 - Product Requirements.
- B. Face panel: single face cast oxidized bronze dedication plaque with raised letters and black background.
- C. See drawing for plaque location, dimensions and wording.

2.5 ACCESSORIES

- D. Fasteners and Supports: Non rusting; types, sizes, and configurations as recommended by the sign manufacturer.

2.6 ADDRESS PLAQUES

- A. Manufacturers:
 1. Sign Spec, Inc.
 2. Kunda Sign
 3. Apco Graphics Inc.
 4. Substitutions: Section 01600 - Product Requirements.
- B. Face panel: plex plaque with beveled frame with bronze finish, painted bone face with routed ¼" bronze color plex numbers attached to face.
- C. See drawing for plaque locations, dimensions and wording.

2.7 ACCESSORIES

- D. Fasteners and Supports: attachment to glass overdoor panel as recommended by the sign manufacturer.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Section 01300 - Administrative Requirements: Coordination and project conditions.
- B. Verify that surfaces are ready to receive work.

3.2 PREPARATION

3.3 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. Install signs to alignment and spacing indicated on Drawings.
- C. Seal attachment penetrations in exterior wall assembly in accordance with Section 07900.

3.4 CLEANING

- A. Section 01700 - Execution Requirements: Final cleaning.
- B. Remove protective covering from finished surfaces.

Clean sign.

10536 AWNINGS

PART 4 GENERAL

4.1 SUMMARY

- A. Section includes metal framing and fittings; fabric covering; and applied graphics.
- B. Related Sections:

4.2 DESIGN REQUIREMENTS

- A. Awning materials, assembly and attachments to resist snow, wind, suction, and uplift design loads of 120 lb/sq ft at any point without damage or permanent set.
- B. Design framing and attachments to the structure in accordance with IBC 2000 and ASCE 7 for 120 mile per hour wind loading, exposure category D.

4.3 SUBMITTALS

- A. Section 01330 - Submittal Procedures: Submittal procedures.
- B. Shop Drawings: Site verify existing conditions prior to execution of shop drawings. Notify architect promptly, in writing, of any discrepancies. Indicate awning profiles, sizes, connection attachments, anchorage, size and type of fasteners, graphic images, patterns, and accessories.

- C. Design drawings and calculations, either hand or computer generated, relating to the framing, framing connections, attachment of the fabric and the attachments to the building structure/frame will be prepared by or under the direct supervision of, and signed and sealed by an engineer licensed in the State of New Jersey.
 - 1. Design awning framing and attachments to façade/structure to withstand 120 mile per hour wind, exposure category D in accordance with IBC 2000 and ASCE -7
- D. Submit test results confirming that the awning material meets the flame spread and smoke contribution factors established by the IBC 2000 code and the New Jersey Building Construction Sub-code, latest revisions, for awning material in this location.
- E. Product Data: Submit data on awning covering, color fastness, stitching and seaming methods, attachment devices to framing system and exposure tests verifying resistance to fading and UV denigration.
- F. Covering Samples: Submit **24 x 24 inch** sample of each color of material and assembly of multi-colored fabrications, including trim and accent colors with representative hem stitch detail, seam with reinforcement, and attachment devices to framing system.
- G. Framing Samples: Submit six samples, **24 inch** long of framing members, and six samples of individual elbow, Tee, wall bracket and attachment ; pre-finished.

4.4 QUALITY ASSURANCE

- A. Conform to IBC 2000 code and the New Jersey Building Construction Sub-code, latest revisions for fire resistance and flame spread/smoke developed ratings for awning covering.
- B. Manufacturer: Company specializing in manufacturing products specified in this section with minimum five years documented experience.
- C. Installer: Company having not less than eight years of specialized experience in the installation of awning framing and awning material on the framing, on the types of structures and in the areas of exposure where the project is located and these types of products are specified.

4.5 DELIVERY, STORAGE, AND HANDLING

- A. Section 01600 - Product Requirements: Product storage and handling requirements.
- B. Protect awning fabric from damage, do not un-packaged until ready for installation.
- C. Protect finished surfaces of framing with strippable coating. Do not use adhesive papers or sprayed coatings which bond when exposed to sunlight or weather.

4.6 WARRANTY

- A. Section 01700 - Project Closeout: Warranty requirements.
- B. Submit manufacturer's five year warranty against U.V. denigration, fading or other related fabric or seam failure for all awning fabric.
- C. Submit manufacturer's five year warranty against fading, gloss reduction, lack of adhesion and oxidation of awning framing and attachment fittings.

PART 5 PRODUCTS

5.1 AWNINGS

- A. Manufacturers:
 - 1. Rainbow Awnings
 - 2. The Jay's Lettering, Inc.
 - 3. Accent Fence
 - 4. Substitutions: Section 01600 - Product Requirements.

5.2 ALUMINUM FRAMING SYSTEM COMPONENTS

- A. Framing: Tubing sized and with wall thickness as required to meeting the engineering design criteria; conforming to **ASTM B210**, **ASTM B221** ASTM B241, **ASTM B483** .
- B. Fittings: Elbows, T-shapes, wall brackets; cast aluminum.
- C. Mounting: Brackets and flanges, with stainless steel brackets for embedding into masonry or mounting in framed wall construction.
- D. Splice Connectors: Concealed spigot; cast aluminum.
- E. Exposed Fasteners: Flush countersunk stainless steel, 316 alloy, screws or bolts; consistent with design of system.
- F. Finish Exposed Components: natural aluminum framing w/ clearcoat.

5.3 COVERING MATERIAL COMPONENTS

- A. Awning fabric to be fire retardant Glen Raven Firesist HUV flame retardant woven acrylic material, color as approved by Ocean Club condominium.

5.4 FABRICATION - FRAMING

- A. Fit and shop assemble components in largest practical sizes, for delivery to site.
- B. Fabricate components with joints tightly fitted and secured.
- C. Exposed Fastenings: Unobtrusively located; consistent with design of component, except where specifically noted otherwise.
- D. Supply components required for anchorage of framing. Fabricate anchors and related components of same material and finish as framing, except where specifically noted otherwise.
 - 1. Do not modify connector types, sizes or configurations from those shown on the signed and sealed documents without the written permission of the Engineer of Record for those documents.
- E. Continuously seal joined pieces by continuous welds and internal connecting sleeves..
- F. Grind exposed joints flush and smooth with adjacent finish surface. Make exposed joints butt tight, flush, and hairline. Ease exposed edges to small uniform radius.
- G. Accurately form components to suit each other and to building structure.

5.5 FABRICATION - COVERING

- A. Manufacture covering in one piece wherever possible, sized and configured to suit framing.
- B. Form covering heading of triple thickness **2 inches** wide, double fold bottom hem **2 inches** wide.
- C. Prepare covering with attachment devices for attachment to framing **6 inches** on center.
- D. Turn seam edges and lock stitch.
- E. Apply graphic images or patterns to awning in design and colors indicated.

PART 6 EXECUTION

6.1 EXAMINATION

- A. Section 01300 - Administrative Requirements: Coordination and project conditions.
- B. Verify wall framing and wall assembly with backing plates and embedded substrate anchors are acceptable and are ready to receive work.

6.2 PREPARATION

- A. Clean and strip primed steel items to bare metal where site welding is required.
- B. Supply items required to be embedded in masonry or placed in wall assemblies with setting templates, to appropriate Sections.

6.3 INSTALLATION

- A. Installation of Framing:
 - 1. Install components plumb and level, accurately fitted, free from distortion or defects.
 - 2. Provide anchors required for connecting framing to structure. Anchor framing to structure.
 - a. Do not modify connector locations, sizes or types of sizes anchors or bolts from those shown on the signed and sealed documents without the written permission of the Engineer of Record for those documents.
 - 3. Field weld anchors as indicated on the approved shop drawings. Grind welds smooth. Touch-up welds with clearcoat.
 - 4. Conceal bolts and screws whenever possible. Where not concealed, use flush countersunk fastenings.
- B. Installation of Covering:
 - 1. Install covering over framing members, stretched taught without creases or folds.

6.4 ERECTION TOLERANCES

- A. Section 01400 - Quality Requirements: Tolerances.
- B. Maximum Variation From Plumb: **1/4 inch** per story, non-cumulative.
- C. Maximum Misalignment From Indicated Position: **1/4 inch**.

6.5 ADJUSTING

A. Section 01700 - Execution Requirements: Testing, adjusting, and balancing. Adjust awnings to produce uniform appearance and consistently in proper relation with adjacent work.

DIVISION 11 SITE RESTORATION AND REHABILITATION

11020 Site Restoration and Final Clean-up

11020.1 Final clean up.

Before final inspection and Completion, areas occupied by the Contractor in connection with the Work shall be cleaned of all rubbish, excess materials, temporary structures, and equipment, and all parts of the Work shall be left in an acceptable condition.

If the Contractor fails to complete final cleanup within the time stated in the Progress Schedule or the completion of the Contract or within such further time as may have been granted according to the provisions of the Contract, the Contractor shall pay the Owner liquidated damages pursuant to Subsection 01310.15.

Final Cleanup shall also include the replacement of structures that were removed as they were in the area of disturbance or within Project Access Locations or Roadway. All structures shall be replaced in-kind with the same or better quality materials and construction.

11020.2 Disposal of Materials and Debris.

The Contractor shall be responsible for removal of all excess materials and debris accumulated. The Contractor shall dispose of the material and debris according to the solid waste management plan developed by the solid waste management district of origin. Proper documentation from the disposal facility shall be submitted to the Architect.

Payment for final cleanup will be made on a lump sum basis.

END OF CONTRACT



REQUEST FOR INTERPRETATION

Project: _____	R.F.I. Number: _____
_____	From: _____
To: _____	Date: _____
_____	A/E Project Number: _____
Re: _____	Contract For: _____

Specification Section: _____	Paragraph: _____	Drawing Reference: _____	Detail: _____
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Request:

Signed by: _____	Date: _____
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Response:

Attachments

Response From: _____	To: _____	Date Rec'd: _____	Date Ret'd: _____
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Signed by: _____	Date: _____
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Copies: Owner Consultants _____ _____ _____ _____ File



SUBSTITUTION REQUEST (After the Bidding Phase)

Project: _____ Substitution Request Number: _____

 From: _____
 To: _____ Date: _____

 A/E Project Number: _____
 Re: _____ Contract For: _____

Specification Title: _____ Description: _____
 Section: _____ Page: _____ Article/Paragraph: _____

Proposed Substitution: _____
 Manufacturer: _____ Address: _____ Phone: _____
 Trade Name: _____ Model No.: _____
 Installer: _____ Address: _____ Phone: _____
 History: New product 2-5 years old 5-10 yrs old More than 10 years old
 Differences between proposed substitution and specified product: _____

Point-by-point comparative data attached - REQUIRED BY A/E

Reason for not providing specified item: _____

Similar Installation:
 Project: _____ Architect: _____
 Address: _____ Owner: _____
 _____ Date Installed: _____

Proposed substitution affects other parts of Work: No Yes; explain _____

Savings to Owner for accepting substitution: _____ (\$ _____).
 Proposed substitution changes Contract Time: No Yes [Add] [Deduct] _____ days.

Supporting Data Attached: Drawings Product Data Samples Tests Reports _____

SUBSTITUTION REQUEST (Continued)

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Cost data as stated above is complete. Claims for additional costs related to accepted substitution which may subsequently become apparent are to be waived.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.
- Coordination, installation, and changes in the Work as necessary for accepted substitution will be complete in all respects.

Submitted by: _____

Signed by: _____

Firm: _____

Address: _____

Telephone: _____

Attachments: _____

A/E's REVIEW AND ACTION

- Substitution approved - Make submittals in accordance with Specification Section 01330.
- Substitution approved as noted - Make submittals in accordance with Specification Section 01330.
- Substitution rejected - Use specified materials.
- Substitution Request received too late - Use specified materials.

Signed by:

Date:

Additional Comments: Contractor Subcontractor Supplier Manufacturer A/E _____

