



City of Norfolk

Department of Public Works

April 24, 2017

Mr. John M. McCarthy
Arcadis U.S., Inc.
295 Bendix Road, Suite 240
Virginia Beach, Virginia 23452

Re: **Notice to Proceed – National Disaster Resilience Competition (NDRC) – Ohio Creek
– Design Services**

Dear Mr. McCarthy:

In accordance with the terms of your Agreement and your verbal Notice to Proceed date of March 2, 2017, this is your executed Agreement.

Please ensure the City of Norfolk Project No. 17011 and Contract No. 26367 appear on all proposals and invoices in order to ensure expeditious processing.

Sincerely,

David L. Ricks, P.E.
Director

encl: (1) Executed Agreement

cc: Budget Manager/Enterprise Controller
Director of Finance
Scott Smith, P.E., Coastal Resiliency Manager
E-Builder Project #17011



AIA[®]

Document B102[™] – 2007

Standard Form of Agreement Between Owner and Architect *without a Predefined Scope of Architect's Services*

AGREEMENT made as of the 6th day of January in the year 2017
(In words, indicate day, month and year.)

BETWEEN the City of Norfolk, a municipal corporation of the Commonwealth of Virginia,
hereinafter called the "City" or the Owner:
(Name, legal status, address and other information)

City of Norfolk
810 Union Street, Room 700
Norfolk, Virginia 23510

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

and the Architect:
(Name, legal status, address and other information)

Arcadis U.S., Inc.
295 Bendix Road, Suite 240
Virginia Beach, Virginia 23452

for the following Project:
(Name, location and detailed description)

National Disaster Resilience Competition (NDRC) - Ohio Creek - Design Services – Indefinite Quantity Contract

The Owner and Architect agree as follows.

Init.

TABLE OF ARTICLES

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ARTICLE 1 ARCHITECT'S RESPONSIBILITIES

§ 1.1 The Architect shall provide the following professional services: for design and construction projects for National Disaster Resilience Competition (NDRC) – Ohio Creek as described in the Request for Proposals for these services issued by the City dated August 26, 2016 and as amended October 3, 2016, a copy of which is attached hereto as Exhibit B and incorporated herein by reference. It is the intent of this Agreement that all services be provided complete in all respects, without the need for engaging separate technical expertise.

(Describe the scope of the Architect's services or identify an exhibit or scope of services document setting forth the Architect's services and incorporated into this document in Section 9.2)

§ 1.2 The Architect shall perform its services consistent with the professional skill and care ordinarily provided by architects practicing in the same or similar locality under the same or similar circumstances. The Architect shall perform its services as expeditiously as is consistent with such professional skill and care and the orderly progress of the Project.

§ 1.3 The Architect shall identify a representative authorized to act on behalf of the Architect with respect to the Project.

§ 1.4 Except with the Owner's knowledge and consent, the Architect shall not engage in any activity, or accept any employment, interest or contribution that would reasonably appear to compromise the Architect's professional judgment with respect to this Project.

§ 1.5 The Architect shall maintain the following insurance for the duration of this Agreement. If any of the requirements set forth below exceed the types and limits the Architect normally maintains, the Owner shall reimburse the Architect for any additional cost: Refer to AIA A201-2007, General Conditions of the Contract for Construction (as modified), a copy of which is attached hereto as Exhibit D, for liability limits.

(Identify types and limits of insurance coverage, and other insurance requirements applicable to the Agreement, if any.)

.1 General Liability

.2 Automobile Liability

.3 Workers' Compensation

.4 Professional Liability

\$1,000,000

ARTICLE 2 OWNER'S RESPONSIBILITIES

§ 2.1 Unless otherwise provided for under this Agreement, the Owner shall provide information in a timely manner regarding requirements for and limitations on the Project, including a written program which shall set forth the Owner's objectives, schedule, constraints and criteria, including space requirements and relationships, flexibility, expandability, special equipment, systems and site requirements. Within 15 days after receipt of a written request from the Architect, the Owner shall furnish the requested information as necessary and relevant for the Architect to evaluate, give notice of or enforce lien rights, consult with the Architect and provide information as may be reasonably necessary for the Architect to perform Architect's services.

§ 2.2 The Owner shall identify a representative authorized to act on the Owner's behalf with respect to the Project, each individual Work Order. The Owner shall render decisions and approve the Architect's submittals in a timely manner in order to avoid unreasonable delay in the orderly and sequential progress of the Architect's services.

§ 2.3 The Owner shall coordinate the services of its own consultants with those services provided by the Architect. Upon the Architect's request, the Owner shall furnish copies of the scope of consulting services in the contracts between the Owner and the Owner's consultants. The Owner shall furnish the services of consultants other than those designated in this Agreement, or authorize the Architect to furnish them as an Additional Service, when the Architect requests such services and demonstrates that they are reasonably required by the scope of the Project, any Work Order. The Owner shall require that its consultants maintain professional liability insurance as appropriate to the services provided.

§ 2.4 The Owner shall furnish all legal, insurance and accounting services, including auditing services, that may be reasonably necessary at any time for the Project, each Work Order to meet the Owner's needs and interests.

§ 2.5 While the Owner has no affirmative duty to become aware of same, the Owner shall provide prompt written notice to the Architect if the Owner becomes aware of any fault or defect in the Project, any Work Order, including errors, omissions or inconsistencies in the Architect's Instruments of Service, drawings, specifications, or other documents.

ARTICLE 3 COPYRIGHTS AND LICENSES

§ 3.1 The Architect and the Owner warrant that in transmitting Instruments of Service, or any other information, the transmitting party is the copyright owner of such information or has permission from the copyright owner to transmit such information for its use on the Project. If the Owner and Architect intend to transmit Instruments of Service or any other information or documentation in digital form, they shall endeavor to establish necessary protocols governing such transmissions.

§ 3.1. Intentionally Omitted

§ 3.2 Drawings, specifications and other documents, including those in electronic form, prepared by the Architect and the Architect's consultants are Instruments of Service for use solely with respect to this Project. Any other use shall be at the Owner's sole risk and without liability to the Architect or the Architect's consultants. Unless Owner fails hereunder to pay Architect therefor, Owner shall be deemed owner of such drawings, specifications, and other documents and shall have and retain all rights therein. In the event Owner is adjudged to have failed hereunder to pay Architect for such drawings, specifications or other documents, ownership thereof, and all rights therein shall revert to the Architect. The Architect and the Architect's consultants shall be deemed the authors and owners of their respective Instruments of Service, including the Drawings and Specifications, and shall retain all common law, statutory and other reserved rights, including copyrights. Submission or distribution of Instruments of Service to

~~meet official regulatory requirements or for similar purposes in connection with the Project is not to be construed as publication in derogation of the reserved rights of the Architect and the Architect's consultants.~~

~~§ 3.3 Upon execution of this Agreement, the Architect grants to the Owner a nonexclusive license to use the Architect's Instruments of Service solely and exclusively for the Project, provided that the Owner substantially performs its obligations, including prompt payment of all sums when due, under this Agreement. The Architect shall obtain similar nonexclusive licenses from the Architect's consultants consistent with this Agreement. The license granted under this section permits the Owner to authorize the Contractor, Subcontractors, Sub-subcontractors, and material or equipment suppliers, as well as the Owner's consultants and separate contractors, to reproduce applicable portions of the Instruments of Service solely and exclusively for use in performing services for the Project. If the Architect rightfully terminates this Agreement for cause as provided in Sections 5.3 and 5.4, the license granted in this Section 3.3 shall terminate.~~Project.

~~§ 3.3.1 In the event the Owner uses the Instruments of Service without retaining the author of the Instruments of Service, the Owner releases the Architect and Architect's consultant(s) from all claims and causes of action arising from such uses. The Owner, to the extent permitted by law, further agrees to indemnify and hold harmless the Architect and its consultants from all costs and expenses, including the cost of defense, related to claims and causes of action asserted by any third person or entity to the extent such costs and expenses arise from the Owner's use of the Instruments of Service under this Section 3.3.1.~~

~~§ 3.3.1. Intentionally Omitted~~

~~§ 3.4 Except for the licenses granted in this Article 3, no other license or right shall be deemed granted or implied under this Agreement. The Owner shall not assign, delegate, sublicense, pledge or otherwise transfer any license granted herein to another party without the prior written agreement of the Architect. Any unauthorized use of the Instruments of Service shall be at the Owner's sole risk and without liability to the Architect and the Architect's consultants.~~ Intentionally Omitted

ARTICLE 4 CLAIMS AND DISPUTES

§ 4.1 GENERAL

§ 4.1.1 The Owner and Architect shall commence all claims and causes of action, whether in contract, tort, or otherwise, against the other arising out of or related to this Agreement in accordance with the requirements of the method of binding dispute resolution selected in this Agreement within the period specified by applicable law, but in any case not more than 10 years after the date of Substantial Completion of the Work. The Owner and Architect waive all claims and causes of action not commenced in accordance with this Section 4.1.1.

~~§ 4.1.2 To the extent damages are covered by property insurance, the Owner and Architect waive all rights against each other and against the contractors, consultants, agents and employees of the other for damages, except such rights as they may have to the proceeds of such insurance as set forth in AIA Document A201-2007, General Conditions of the Contract for Construction, if applicable. The Owner or the Architect, as appropriate, shall require of the contractors, consultants, agents and employees of any of them similar waivers in favor of the other parties enumerated herein.~~

~~§ 4.1.3 The Architect and Owner waive consequential damages for claims, disputes or other matters in question arising out of or relating to this Agreement. This mutual waiver is applicable, without limitation, to all consequential damages due to either party's termination of this Agreement, except as specifically provided in Section 5.7.~~

~~§ 4.1.2. Intentionally Omitted~~

~~§ 4.1.3. Intentionally Omitted~~

§ 4.2 MEDIATION

~~§ 4.2.1 Any claim, dispute or other matter in question arising out of or related to this Agreement shall be subject to mediation as a condition precedent to binding dispute resolution. the institution of legal or equitable proceedings by either party. If such matter relates to or is the subject of a lien arising out of the Architect's services, the Architect may proceed in accordance with applicable law to comply with the lien notice or filing deadlines prior to resolution of the matter by mediation or by binding dispute resolution.~~mediation.

~~§ 4.2.2~~ The Owner and Architect shall endeavor to resolve claims, disputes and other matters in question between them by mediation which, unless the parties mutually agree otherwise, shall be administered by the American Arbitration Association in accordance with its Construction Industry Mediation Procedures in effect on the date of the Agreement. rules of the American Arbitration Association currently in effect. A request for mediation shall be made in writing, delivered to the other party to the Agreement, and filed with the person or entity administering the mediation. ~~The request may be made concurrently with the filing of a complaint or other appropriate demand for binding dispute resolution but, in such event, mediation shall proceed in advance of binding dispute resolution proceedings, which shall be stayed pending mediation for a period of 60 days from the date of filing, unless stayed for a longer period by agreement of the parties or court order. If an arbitration proceeding is stayed pursuant to this Section, the parties may nonetheless proceed to the selection of the arbitrator(s) and agree upon a schedule for later proceedings with American Arbitration Association.~~

~~§ 4.2.3~~ The parties shall share the mediator's fee and any filing fees equally. The mediation shall be held in the place where the Project is located, unless another location is mutually agreed upon. ~~Agreements reached in mediation shall be enforceable as settlement agreements in any court having jurisdiction thereof.~~

§ 4.2.3. The mediation shall be held in the place where the Work Order Project is located, unless another location is mutually agreed upon. Agreements reached in mediation shall be enforceable as settlement agreements in any court having jurisdiction thereof.

§ 4.2.4 If the parties do not resolve a dispute through mediation pursuant to this Section 4.2, the method of binding dispute resolution shall be the following:
(Check the appropriate box. If the Owner and Architect do not select a method of binding dispute resolution below, or do not subsequently agree in writing to a binding dispute resolution method other than litigation, the dispute will be resolved in a court of competent jurisdiction.)

Arbitration pursuant to Section 4.3 of this Agreement

Litigation in a court of competent jurisdiction

Other *(Specify)*

§ 4.3 ARBITRATION

~~§ 4.3.1~~ If the parties have selected arbitration as the method for binding dispute resolution in this Agreement, any claim, dispute or other matter in question arising out of or related to this Agreement subject to, but not resolved by, mediation shall be subject to arbitration, which unless the parties mutually agree otherwise, shall be administered by the American Arbitration Association in accordance with its Construction Industry Arbitration Rules in effect on the date of this Agreement. A demand for arbitration shall be made in writing, delivered to the other party to this Agreement, and filed with the person or entity administering the arbitration.

~~§ 4.3.1.1~~ A demand for arbitration shall be made no earlier than concurrently with the filing of a request for mediation, but in no event shall it be made after the date when the institution of legal or equitable proceedings based on the claim, dispute or other matter in question would be barred by the applicable statute of limitations. For statute of limitations purposes, receipt of a written demand for arbitration by the person or entity administering the arbitration shall constitute the institution of legal or equitable proceedings based on the claim, dispute or other matter in question.

~~§ 4.3.2~~ The foregoing agreement to arbitrate and other agreements to arbitrate with an additional person or entity duly consented to by parties to this Agreement shall be specifically enforceable in accordance with applicable law in any court having jurisdiction thereof.

~~§ 4.3.3~~ The award rendered by the arbitrator(s) shall be final, and judgment may be entered upon it in accordance with applicable law in any court having jurisdiction thereof.

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§ 4.3.1. Intentionally Omitted

§ 4.3.1.1. Intentionally Omitted

§ 4.3.2. Intentionally Omitted

§ 4.3.3. Intentionally Omitted

§ 4.3.4 CONSOLIDATION OR JOINDER

~~§ 4.3.4.1~~ Either party, at its sole discretion, may consolidate an arbitration conducted under this Agreement with any other arbitration to which it is a party provided that (1) the arbitration agreement governing the other arbitration permits consolidation; (2) the arbitrations to be consolidated substantially involve common questions of law or fact; and (3) the arbitrations employ materially similar procedural rules and methods for selecting arbitrator(s).

~~§ 4.3.4.2~~ Either party, at its sole discretion, may include by joinder persons or entities substantially involved in a common question of law or fact whose presence is required if complete relief is to be accorded in arbitration; provided that the party sought to be joined consents in writing to such joinder. Consent to arbitration involving an additional person or entity shall not constitute consent to arbitration of any claim, dispute or other matter in question not described in the written consent.

~~§ 4.3.4.3~~ The Owner and Architect grant to any person or entity made a party to an arbitration conducted under this Section 4.3, whether by joinder or consolidation, the same rights of joinder and consolidation as the Owner and Architect under this Agreement.

§ 4.3.4.1. Intentionally Omitted

§ 4.3.4.2. Intentionally Omitted

§ 4.3.4.3. Intentionally Omitted

ARTICLE 5 TERMINATION OR SUSPENSION

§ 5.1 If the Owner fails to make payments to the Architect in accordance with this Agreement, the Architect having performed the Architect's obligations hereunder, such failure shall be considered substantial nonperformance ~~and cause for termination or, at the Architect's option, and, cause for suspension of performance of services under this Agreement.~~ If the Architect elects to suspend services, the Architect shall give seven days' written notice to the Owner before suspending services. In the event of a suspension of services, the Architect shall have no liability to the Owner for delay or damage caused the Owner because of such proper suspension of services. Before resuming services, the Architect shall be paid all sums due prior to suspension and any expenses-direct expenses reasonably incurred in the interruption and resumption of the Architect's services. The Architect's fees for the remaining services and the time schedules shall be equitably adjusted.

§ 5.2 ~~If the Owner suspends the Project, If, through no fault of the Architect, the Owner suspends the Work Order Project for more than ninety (90) consecutive days,~~ the Architect shall be compensated for services performed prior to notice of such suspension. When the Work Order Project is resumed, the Architect shall be compensated for expenses incurred in the interruption and resumption of the Architect's services. The Architect's fees for the remaining services and the time schedules shall be equitably adjusted.

§ 5.3 If the Owner suspends the Work Order Project for more than 90 cumulative days for reasons other than the fault of the Architect, the Architect may terminate this Agreement by giving not less than seven days' written notice.

§ 5.4 ~~Either party-The Owner may terminate this Agreement upon not less than seven days' written notice should the other party-Architect fail substantially to perform in accordance with the terms of this Agreement through no fault of the party-initiating the termination:Owner.~~

§ 5.5 The Owner may terminate this Agreement upon not less than seven days' written notice to the Architect for the Owner's convenience and without cause.

§ 5.6 In the event of termination not the fault of the Architect, the Architect shall be compensated for services performed prior to termination, together with Reimbursable Expenses then due and all Termination Expenses as defined in Section 5.7.

§ 5.7 Termination Expenses are in addition to compensation for the Architect's services and include expenses directly attributable to termination for which the Architect is not otherwise compensated, plus an amount for the Architect's anticipated profit on the value of the services not performed by the Architect compensated.

§ 5.8 The Owner's rights to use the Architect's Instruments of Service in the event of a termination of this Agreement are set forth in Article 3 and Section 6.3.

ARTICLE 6 COMPENSATION

§ 6.1 The Owner shall compensate the Architect for services described in Section 1.1 ~~as set forth below, or in the attached exhibit or scope document incorporated into this Agreement in Section 9.2, or elsewhere herein, the amount indicated in each individual Work Order.~~ Should additional services become necessary to complete the work, the Architect shall submit a proposal outlining the additional services and related costs. A new Work Order will be issued citing the additional funds for compensation.

(Insert amount of, or basis for, compensation or indicate the exhibit or scope document in which compensation is provided for.)

§ 6.2 COMPENSATION FOR REIMBURSABLE EXPENSES

§ 6.2.1 Reimbursable Expenses are ~~in addition to compensation for the Architect's professional services and include shall mean reasonable~~ expenses incurred by the Architect and the Architect's consultants directly related to ~~the each~~ Work Order Project, as follows:

- .1 Transportation and authorized out-of-town travel and subsistence;
- .2 Long distance services, dedicated data and communication services, teleconferences, Project Web sites, and extranets;
- .3 Fees paid for securing approval of authorities having jurisdiction over the Work Order Project;
- .4 Printing, reproductions, plots, standard form documents;
- .5 Postage, handling and delivery;
- .6 Expense of overtime work requiring higher than regular rates, if authorized in advance by the Owner;
- .7 Renderings, models, mock-ups, professional photography, and presentation materials requested by the Owner;
- .8 Architect's Consultant's expense of professional liability insurance dedicated exclusively to this Project, Agreement, or the expense of additional insurance coverage or limits if the Owner requests such insurance in excess of that normally carried by the Architect's consultants;
- .9 All taxes levied on professional services and on reimbursable expenses;
- .10 Site office expenses; and
- .11 Other similar Project related expenditures. Any other expense directly related to any Work Order and reasonably incurred after first receiving the written approval of the Owner.

§ 6.2.2 For Reimbursable Expenses, the compensation shall be the expenses incurred by the Architect and the Architect's consultants plus an administrative fee of percent (~~—~~%) of the expenses incurred, ten percent (10 %) of the expenses incurred or as otherwise defined in the Architect's Rate Schedule.

§ 6.3 COMPENSATION FOR USE OF ARCHITECT'S INSTRUMENTS OF SERVICE

~~If the Owner terminates the Architect for its convenience under Section 5.5, or the Architect terminates this Agreement under Section 5.3, the Owner shall pay a licensing fee as compensation for the Owner's continued use of the Architect's Instruments of Service solely for purposes of the Project as follows:~~

: If the services of the Architect are changed, the Architect's compensation shall be adjusted. Such adjustment shall be calculated as described below or, if no method of adjustment is indicated in this Section 6.3, in an equitable manner. Adjusted Scope of Work and compensation to the Architect shall be made through issuance of an additional Work Order and compensation computed using the Architect's Rate Schedule. The Architect's Rate Schedule may be adjusted, as approved in writing by the Owner, on an annual basis.

For a Change in Services of the Architect's consultants, compensation shall be computed as ten percent (10%) times the amount billed to the Architect for such services, and shall be based on the Architect's Rate Schedule, which includes rates of Architect's consultants.

§ 6.4 PAYMENTS TO THE ARCHITECT

§ 6.4.1 ~~An initial payment of — (\$ —) shall be made upon execution of this Agreement and is the minimum payment under this Agreement. It shall be credited to the Owner's account in the final invoice. (\$) Payments for services shall be made monthly, and where applicable, shall be proportion to services performed on the basis set forth in this Agreement.~~

§ 6.4.2 ~~Unless otherwise agreed, payments for services shall be made monthly in proportion to services performed. Payments are due and payable upon presentation of the Architect's invoice. Amounts unpaid ninety (90) days after the invoice date shall bear interest at the rate entered below, or in the absence thereof at the legal rate prevailing from time to time at the principal place of business of the Architect.~~ the Project, provided that payment has not been held for reasons related to the services performed or invoiced.

(Insert rate of monthly or annual interest agreed upon.)

%

§ 6.4.3 ~~The Owner shall not withhold amounts from the Architect's compensation to impose a penalty or liquidated damages on the Architect, or to offset sums requested by or paid to contractors for endeavor to make payments on account of services rendered and for Reimbursable Expenses incurred on a monthly basis with thirty (30) days upon presentation of the Architect's properly submitted statement of services. No deductions shall be made from the Architect's compensation on account of penalty, liquidated damages or other sums withheld from payments to Contractors, or on account the cost of changes in the Work unless the Architect agrees or has been found liable for the amounts in a binding dispute resolution proceeding, other than those for which the Architect is responsible.~~

§ 6.4.4 ~~Records of Reimbursable Expenses and Expenses, of expenses pertaining to a Change in Services, and of services performed on the basis of hourly rates or a multiple of Direct Personnel Expense shall be available to the Owner or the Owner's authorized representative at mutually convenient times.~~

Direct Personnel Expense is defined as the direct salaries of the Architect's personnel engaged on the Project and the portion of the cost of their mandatory and customary contributions and benefits related thereto, such as employment taxes and other statutory employee benefits, insurance, sick leave, holidays, vacations, and employee retirement plans and similar contributions.

ARTICLE 7 MISCELLANEOUS PROVISIONS

§ 7.1 ~~This Agreement shall be governed by the law of the place where the Project is located, except that if the parties have selected arbitration as the method of binding dispute resolution, the Federal Arbitration Act shall govern Section 4.3 laws and regulations of the Commonwealth of Virginia and the City of Norfolk.~~

§ 7.2 ~~Terms in this Agreement shall have the same meaning as those in AIA Document A201-2007, General Conditions of the Contract for Construction. Construction (as modified).~~

§ 7.3 ~~The Owner and Architect, respectively, bind themselves, their agents, successors, assigns and legal representatives to this Agreement. Neither the Owner nor the Architect shall assign this Agreement without the written consent of the other, except that the Owner may assign this Agreement to a lender providing financing for the Project if the lender agrees to assume the Owner's rights and obligations under this Agreement.~~

§ 7.4 ~~If the Owner requests the Architect to execute certificates, the proposed language of such certificates shall be submitted to the Architect for review at least 14 days prior to the requested dates of execution. If the Owner requests the Architect to execute consents reasonably required to facilitate assignment to a lender, the Architect shall execute all such consents that are consistent with this Agreement, provided the proposed consent is submitted to the Architect for review at least 14 days prior to execution. The Architect shall not be required to execute certificates or consents that would require knowledge, services or responsibilities beyond the scope of this Agreement.~~

§ 7.5 Nothing contained in this Agreement shall create a contractual relationship with or a cause of action in favor of a third party against either the Owner or Architect.

§ 7.6 Unless otherwise required in this Agreement, the Architect shall have no responsibility for the discovery, presence, handling, removal or disposal of, or exposure of persons to, hazardous materials or toxic substances in any form at the Project site.

§ 7.7 ~~The Subject to the Owner's prior review and written approval thereof, the Architect shall have the right to include photographic or artistic representations of the design of the Work Order Project among the Architect's promotional and professional materials. The Architect shall be given reasonable access to the completed Project Work Order Projects to make such representations. However, the Architect's materials shall not include the Owner's confidential or proprietary information if the Owner has previously advised the Architect in writing of the specific information considered by the Owner to be confidential or proprietary. The Owner shall may, at its sole discretion, provide professional credit for the Architect in the Owner's promotional materials for the Project Work Order Projects.~~

~~§ 7.8 If the Architect or Owner receives information specifically designated by the other party as "confidential" or "business proprietary," the receiving party shall keep such information strictly confidential and shall not disclose it to any other person except to (1) its employees, (2) those who need to know the content of such information in order to perform services or construction solely and exclusively for the Project, or (3) its consultants and contractors whose contracts include similar restrictions on the use of confidential information.~~

§ 7.8. The Architect shall maintain the confidentiality of information specifically designated as confidential by the Owner, unless withholding such information would violate the law, create the risk of significant harm to the public or prevent the Architect from establishing a claim or defense in an adjudicatory proceeding. The Architect shall require of the Architect's consultants similar agreements to maintain the confidentiality of information specifically designed as confidential by the Owner.

§ 7.9 ETHICS IN PUBLIC CONTRACTING. The Architect hereby certifies that he has familiarized himself with Section 33.1-93, Ethics in Public Contracting, of the Code of the City of Norfolk, Virginia 1979, as amended and, further, that all amounts received by the Architect, pursuant to this Agreement are proper and in accordance therewith.

§ 7.10 EMERGENCY CONDITIONS. The issuance of a Declaration of Emergency Conditions by any authorized government official shall cause this Agreement to be activated at the terms and conditions listed in the Agreement. The Architect shall make available to the City of Norfolk, during the time of the declared emergency, his time and equipment for architectural and engineering services deemed necessary by the City to address this emergency. Failure to comply could result in termination of the Agreement by reason of non-compliance.

ARTICLE 8 SPECIAL TERMS AND CONDITIONS

Special terms and conditions that modify this Agreement are as follows:

ARTICLE 9 SCOPE OF THE AGREEMENT

§ 9.1 This Agreement represents the entire and integrated agreement between the Owner and the Architect and supersedes all prior negotiations, representations or agreements, either written or oral. This Agreement may be amended only by written instrument signed by both Owner and Architect.

§ 9.2 This Agreement is comprised of the following documents listed below:

- .1 AIA Document B102-2007, Standard Form Agreement Between Owner and Architect (as modified)
- .2 AIA Document E201-2007, Digital Data Protocol Exhibit, if completed, or the following:

- .3 Other documents:
(List other documents, including the Architect's scope of services document, hereby incorporated into the Agreement.)

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User Notes:

(862079042)

B201-2007 (as modified)
Exhibit A, B201-2007, Initial Information (as modified)
This Agreement entered into as of the day and year first written above, Exhibit B, Request For Proposals dated August 26, 2016 and as amended October 3, 2016
Exhibit C, Architect's Rate Schedule
Exhibit D, A201-2007, General Conditions of the Contract for Construction (as modified)

OWNER

ARCHITECT

(Signature)

(Signature)

(Printed name and title)

(Printed name and title)

Init.



AIA[®]

Document B201[™] – 2007

Standard Form of Architect's Services: Design and Construction Contract Administration

~~for~~ For the following PROJECT:
(Name and location or address)

National Disaster Resilience Competition (NDRC) - Ohio Creek - Design Services –
Indefinite Quantity Contract

THE City of Norfolk, a municipal corporation of the Commonwealth of Virginia, hereinafter
called the "City" or the OWNER:
(Name, legal status and address)

City of Norfolk
810 Union Street, Room 700
Norfolk, Virginia 23510

THE ARCHITECT:
(Name, legal status and address)

Arcadis U.S., Inc.
295 Bendix Road, Suite 240
Virginia Beach, Virginia 23452

THE AGREEMENT

This Standard Form of Architect's Services is part of or modifies the accompanying
Owner-Architect Agreement (hereinafter, the Agreement) dated the 6th day of January
in the year 2017.
(In words, indicate day, month and year.)

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- 6 COMPENSATION
- 7 ATTACHMENTS AND EXHIBITS

EXHIBIT A INITIAL INFORMATION

ARTICLE 1 INITIAL INFORMATION

§ 1.1 This Agreement is based on the Initial Information set forth in Article 1 and in
optional Exhibit A, Initial Information:

This document has important
legal consequences.
Consultation with an attorney
is encouraged with respect to
its completion or modification.

This document provides the
Architect's scope of services only
and must be used with an
owner-architect agreement. It
may be used with AIA Document
B102[™]–2007, Standard Form of
Agreement Between Owner and
Architect without a Predefined
Scope of Architect's Services, to
provide the Architect's sole
scope of services, or with B102
in conjunction with other
standard form services
documents. It may also be used
with G802[™]–2007, Amendment
to the Professional Services
Agreement, to create a
modification to any
owner-architect agreement.

init.

(Complete Exhibit A, Initial Information and incorporate it into this services document at Section 7.1, or state below Initial Information such as details of the Project's site and program, Owner's contractors and consultants, Architect's consultants, Owner's budget for the Cost of the Work, authorized representatives, anticipated procurement method, and other information relevant to the Project.)

§ 1.2 The Owner's anticipated dates for commencement of construction and Substantial Completion of the Work are set forth below:

.1 Commencement of construction date:

to be determined in each individual Work Order

.2 Substantial Completion date:

to be determined in each individual Work Order

§ 1.3 The Owner and Architect may rely on the Initial Information. Both parties, however, recognize that such information may materially change and, in that event, the Owner and the Architect shall appropriately adjust the schedule, the Architect's services and the Architect's compensation.

ARTICLE 2 SCOPE OF ARCHITECT'S BASIC SERVICES

§ 2.1 ~~The Architect's Basic Services consist of those described in Article 2 and include usual and customary structural, mechanical, and electrical engineering services. Services not set forth in Article 2 are Additional Services.~~ Design Services shall include normal structural, mechanical, and electrical engineering services necessary to meet requirements set forth in the Request for Proposals – Exhibit B.

§ 2.1.1 ~~The Architect shall manage the Architect's services, consult with the Owner, research applicable design criteria, attend Project meetings, communicate with members of the Project team and report progress to the Owner.~~ services as identified in each individual Work Order. The Architect is the Owner's facilitator and integrator across the entire spectrum of facility-related services. As such, the Architect shall take the lead (especially during the pre-contact scope development stage) in consulting with the Owner, facilitating Project meetings, and communicating with others as appropriate in addition or researching applicable design criteria. The Architect shall ensure the complete understanding and agreement of the Owner and its facility users as to the Scope of Work and delivery time so as to provide a complete study/design that meets the Owner's needs.

§ 2.1.2 ~~The Architect shall coordinate its services with those services provided by the Owner and the Owner's consultants.~~ consultants, if any. The Architect shall be entitled to rely on the accuracy and completeness of services and information furnished by the Owner and the Owner's consultants. The the information furnished by the Owner. While the Architect has no affirmative duty to become aware of same, the Architect shall provide prompt written notice to the Owner if the Architect becomes aware of any error, omission or inconsistency in such services or information.

§ 2.1.3 ~~As soon as practicable after the date of this Agreement, the Architect shall submit for the Owner's approval a schedule for the performance of the Architect's services. The schedule initially shall include anticipated dates for the commencement of construction and for Substantial Completion of the Work as set forth in the Initial Information. The schedule shall include allowances for periods of time required for the Owner's review, for the performance of the Owner's consultants, and for approval of submissions by authorities having jurisdiction over the Project. Once approved by the Owner, time limits established by the schedule shall not, except for reasonable cause, be exceeded by the Architect or Owner. With the Owner's approval, the Architect shall adjust the schedule, if necessary, as the Project proceeds until the commencement of construction.~~

§ 2.1.4 ~~The Architect shall not be responsible for an Owner's directive or substitution made without the Architect's approval.~~

§ 2.1.3. The Architect's services shall be performed as expeditiously as is consistent with professional skill and care and the orderly progress of the individual Work Orders. The Architect's services shall be consistent with the time

periods established in Section 1.2 which may be adjusted, if necessary, as Work Orders proceed. This schedule shall include allowances for periods of time required for the Owner's review, for the performance of the Owner's consultants, and for approval of submissions by authorities having jurisdiction over the Project. Time limits established by this schedule shall not, except for reasonable cause, be exceeded by the Architect.

§ 2.1.3.1 Upon request of the Owner, the Architect shall make a presentation to explain the design of any Work Order to representatives of the Owner. Where required, the Architect shall secure any necessary approvals from the Department of Public Works and Department of City Planning, together with approval thereof by such other department heads of the City as may be responsible for specific projects, and such other Federal, State, and City officials as may be applicable.

§ 2.1.3.2 The Architect shall submit design documents to the Owner at intervals appropriate to the design process for purposes of evaluation and approval by the Owner. Subject to the provisions contained in the next sentence hereof, the Architect shall be entitled to rely on approvals received from the Owner in the further development of the design. The Owner's approval of the Architect's design documents contemplated herein shall not be for the purpose of determining the accuracy, adequacy or completeness of such documents and shall not alter the Architect's responsibilities hereunder with respect to such documents. The architect shall, without additional cost or fee to the City, correct or revise any errors or deficiencies in his performance. Neither the City's review, approval, or acceptance of, nor payment for, any of the services required under this Agreement shall be deemed a waiver of rights by the city, and the Architect shall remain liable to the City for all costs which are incurred by the City as a result of the Architect's negligent performance of any of the services furnished under this Agreement.

§ 2.1.4. Intentionally Omitted

§ 2.1.5 The Architect shall, at appropriate times, contact the governmental authorities required to approve the Construction Documents and the entities providing utility services to the Project. In designing the Project, the Architect shall respond to applicable design requirements imposed by such governmental authorities and by such entities providing utility services.

§ 2.1.6 ~~The~~ When applicable to the project, the Architect shall assist the Owner in connection with the Owner's responsibility for filing documents required for the approval of governmental authorities having jurisdiction over the Project.

§ 2.2 SCHEMATIC DESIGN PHASE SERVICES

§ 2.2.1 The Architect shall review the program and other information furnished by the Owner, and shall review laws, codes, and regulations applicable to the Architect's services.

~~§ 2.2.2 For each Work Order, the Architect shall prepare a written preliminary evaluation of the Owner's program, schedule, budget for the Cost of the Work, Project site, and the proposed procurement or delivery method and other Initial Information, each in terms of the other, to ascertain the requirements of the Project.~~ each Work Order. The Architect shall notify the Owner of (1) any inconsistencies discovered in the information, and (2) other information or consulting services that may be reasonably needed for the Project.

§ 2.2.3 The Architect shall present its preliminary evaluation to the Owner and shall discuss with the Owner alternative approaches to design and construction of the Project, including the feasibility of incorporating environmentally responsible design approaches. The Architect shall reach an understanding with the Owner regarding the requirements of the Project.

§ 2.2.4 Based on the Project's requirements agreed upon with the Owner, the Architect shall prepare and present for the Owner's approval a preliminary design illustrating the scale and relationship of the Project components.

§ 2.2.5 Based on the Owner's approval of the preliminary design, the Architect shall prepare Schematic Design Documents for the Owner's approval. The Schematic Design Documents shall consist of drawings and other documents including a site plan, if appropriate, and preliminary building plans, ~~sections and elevations; and sections; elevations and a Basis for Design.~~ The Basis for Design shall include the assumptions made, data used, studies cited, and options considered as well as economic analysis, design calculations, criteria, and federal, state and local laws, regulations and codes. At the Architect's option, the Schematic Design Documents may include

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some combination of study models, perspective sketches, or digital modeling. Preliminary selections of major building systems and construction materials shall be noted on the drawings or described in writing.

§ 2.2.5.1 The Architect shall consider environmentally responsible design alternatives, such as material choices and building orientation, together with other considerations based on program and aesthetics, in developing a design that is consistent with the Owner's program, schedule and budget for the Cost of the Work. The Owner may obtain other environmentally responsible design services under Article 3.

§ 2.2.5.2 The Architect shall consider the value of alternative materials, building systems and equipment, together with other considerations based on program and aesthetics in developing a design for the Project that is consistent with the Owner's program, schedule and budget for the Cost of the Work.

§ 2.2.6 The Architect shall submit to the Owner an estimate of the Cost of the Work prepared in accordance with Section 5.3.

§ 2.2.7 The Architect shall submit the Schematic Design Documents to the Owner, and request the Owner's approval.

§ 2.3 DESIGN DEVELOPMENT PHASE SERVICES

§ 2.3.1 Based on the Owner's approval of the Schematic Design Documents, and on the Owner's authorization of any adjustments in the Project requirements and the budget for the Cost of the Work, the Architect shall prepare Design Development Documents for the Owner's approval. The Design Development Documents shall illustrate and describe the development of the approved Schematic Design Documents and shall consist of drawings and other documents including plans, sections, elevations, typical construction details, and diagrammatic layouts of building systems to fix and describe the size and character of the Project as to architectural, structural, mechanical and electrical systems, and such other elements as may be appropriate. The Design Development Documents shall also include outline specifications that identify major materials and systems and establish in general their quality levels.

§ 2.3.2 The Architect shall update the estimate of the Cost of the Work.

§ 2.3.3 The Architect shall submit the Design Development Documents to the Owner, advise the Owner of any adjustments to the estimate of the Cost of the Work, and request the Owner's approval.

§ 2.4 CONSTRUCTION DOCUMENTS PHASE SERVICES

§ 2.4.1 Based on the Owner's approval of the Design Development Documents, and on the Owner's authorization of any adjustments in the Project requirements and the budget for the Cost of the Work, the Architect shall prepare Construction Documents for the Owner's approval. The Construction Documents shall illustrate and describe the further development of the approved Design Development Documents and shall consist of Drawings and Specifications setting forth in detail the quality levels of materials and systems and other requirements for the construction of the Work. The Owner and Architect acknowledge that in order to construct the Work the Contractor will provide additional information, including Shop Drawings, Product Data, Samples and other similar submittals, which the Architect shall review in accordance with Section 2.6.4.

§ 2.4.2 The Architect shall incorporate into the Construction Documents the design requirements of governmental authorities having jurisdiction over the Project.

§ 2.4.3 During the development of the Construction Documents, and as requested by the Owner, the Architect shall assist the Owner in the development and preparation of (1) bidding and procurement information that describes the time, place and conditions of bidding, including bidding or proposal forms; (2) the form of agreement between the Owner and Contractor; and (3) the Conditions of the Contract for Construction (General, Supplementary and other Conditions). The Architect shall also compile a project manual that includes the Conditions of the Contract for Construction and Specifications and may include bidding requirements and sample forms.

§ 2.4.4 The Architect shall update the estimate for the Cost of the Work.

§ 2.4.5 The Architect shall submit the Construction Documents to the Owner, advise the Owner of any adjustments to the estimate of the Cost of the Work, take any action required under Section 5.5, and request the Owner's

approval. The Architect shall advise the Owner of any adjustments to previous estimates of the Cost of the Work indicated by changes in Project requirements or general market conditions. The Owner shall provide written authorization to proceed in the form of a Work Order with recommended adjustments to the Scope of Work or budget.

§ 2.5 BIDDING OR NEGOTIATION PHASE SERVICES

The Architect shall assist the Owner in establishing a list of prospective ~~contractors~~ contractors, when requested. Following the Owner's approval of the Construction Documents, the Architect shall assist the Owner in (1) obtaining either competitive bids or negotiated ~~proposals~~ proposals, whichever is indicated in the Scope of the Work Order; (2) confirming responsiveness of bids or ~~proposals~~ proposals, if requested; (3) determining the successful bid or proposal, ~~if any~~; if any, if requested; and (4) awarding and preparing contracts for ~~construction~~ construction, if requested.

§ 2.5.2 COMPETITIVE BIDDING

§ 2.5.2.1 Bidding Documents shall consist of bidding requirements and proposed Contract Documents.

§ 2.5.2.2 The Architect shall assist the ~~Owner~~ Owner, when requested, in bidding the Project by

- .1 procuring the reproduction of Bidding Documents for distribution to prospective bidders;
- .2 distributing the Bidding Documents to prospective bidders requesting their return upon completion of the bidding process, and maintaining a log of distribution and retrieval and of the amounts of deposits, if any, received from and returned to prospective bidders;
- .3 organizing and conducting a pre-bid conference for prospective bidders;
- .4 preparing responses to questions from prospective bidders and providing clarifications and interpretations of the Bidding Documents to all prospective bidders in the form of addenda; and
- .5 organizing and conducting the opening of the bids, and subsequently documenting and distributing the bidding results, as directed by the Owner.

§ 2.5.2.3 The Architect shall consider requests for substitutions, if the Bidding Documents permit substitutions, and shall prepare and distribute addenda identifying approved substitutions to all prospective bidders.

§ 2.5.3 NEGOTIATED PROPOSALS

§ 2.5.3.1 Proposal Documents shall consist of proposal requirements and proposed Contract Documents.

§ 2.5.3.2 The Architect shall assist the ~~Owner~~ Owner, when requested, in obtaining proposals by

- .1 procuring the reproduction of Proposal Documents for distribution to prospective contractors, and requesting their return upon completion of the negotiation process;
- .2 organizing and participating in selection interviews with prospective contractors; and
- .3 participating in negotiations with prospective contractors, and subsequently preparing a summary report of the negotiation results, as directed by the Owner.

§ 2.5.3.3 The Architect shall consider requests for substitutions, if the Proposal Documents permit substitutions, and with the concurrence of the Owner, and shall prepare and distribute addenda identifying approved substitutions to all prospective contractors.

§ 2.6 CONSTRUCTION PHASE SERVICES

§ 2.6.1 GENERAL

§ 2.6.1.1 ~~The~~ When specified in the Scope of a Work Order, the Architect shall provide administration of the Contract between the Owner and the Contractor as set forth below and in AIA Document A201-2007, General Conditions of the Contract for ~~Construction~~ construction (as modified), attached hereto as Exhibit D. If the Owner and Contractor modify AIA Document A201-2007, those modifications shall not affect the Architect's services under this Agreement unless the Owner and the Architect amend this Agreement.

§ 2.6.1.2 The Architect shall advise and consult with the Owner during the Construction Phase Services. The Architect shall have authority to act on behalf of the Owner only to the extent provided in this Agreement. The Architect shall not have control over, charge of, or responsibility for the construction means, methods, techniques, sequences or procedures, or for safety precautions and programs in connection with the Work, nor shall the Architect be responsible for the Contractor's failure to perform the Work in accordance with the requirements of the

Contract Documents. The Architect shall be responsible for the Architect's negligent acts or omissions, but shall not have control over or charge of, and shall not be responsible for, acts or omissions of the Contractor or of any other persons or entities performing portions of the Work.

§ 2.6.1.3 Subject to Section 3.3, the Architect's responsibility to provide Construction Phase services commences with the award of the Contract for Construction and terminates on the date the Architect issues the final Certificate for Payment.

§ 2.6.2 EVALUATIONS OF THE WORK

§ 2.6.2.1 The Architect shall visit the site indicated in each Work Order at intervals appropriate to the stage of construction, or as otherwise required in Section 3.3.3, to become generally familiar with the progress and quality of the portion of the Work completed, and to determine, in general, if the Work observed is being performed in a manner indicating that the Work, when fully completed, will be in accordance with the Contract Documents. However, the Architect shall not be required to make exhaustive or continuous on-site inspections to check the quality or quantity of the Work in accordance with the requirements of the Contract Documents. On the basis of the site visits the Architect shall keep the Owner reasonably informed about the progress and quality of the portion of the Work completed, and report to the Owner (1) known deviations from the Contract Documents and from the most recent construction schedule submitted by the Contractor, and (2) defects and deficiencies observed in the Work.

§ 2.6.2.2 The Architect has the authority to ~~shall~~ reject Work that does not conform to the Contract Documents. Documents when authority to reject work of others is specified in individual Work Orders. Whenever the Architect considers it necessary or advisable, the Architect shall have the authority recommend to the Owner to require inspection or testing of the Work in accordance with the provisions of the Contract Documents, whether or not such Work is fabricated, installed or completed. However, ~~neither this authority of the Architect nor a decision made in good faith either to exercise or not to exercise such authority shall~~ this recommendation by the Architect shall not give rise to a duty or responsibility of the Architect or Owner to the Contractor, Subcontractors, material and equipment suppliers, their agents or employees or other persons or entities performing portions of the Work.

§ 2.6.2.3 The Architect shall initially interpret and ~~decide~~ recommend matters concerning performance under, and requirements of, the Contract Documents on written request of either the Owner or Contractor. The Architect's response to such requests shall be made in writing within any time limits agreed upon or otherwise with reasonable promptness.

§ 2.6.2.4 Initial Interpretations and ~~decisions~~ recommendations of the Architect shall be consistent with the intent of and reasonably inferable from the Contract Documents and shall be in writing or in the form of drawings. When making such initial interpretations and ~~decisions~~ recommendations, the Architect shall endeavor to secure faithful performance by both Owner and Contractor, shall not show partiality to either, and shall not be liable for results of initial interpretations or ~~decisions~~ recommendations rendered in good faith. The Architect's decisions on matters relating to aesthetic effect shall be final if consistent with the intent expressed in the Contract Documents.

§ 2.6.2.5 Unless the Owner and Contractor designate another person to serve as an Initial Decision Maker, as that term is defined in AIA Document A201-2007, the Architect shall render initial ~~decisions~~ recommendations on Claims between the Owner and Contractor as provided in the Contract Documents.

§ 2.6.3 CERTIFICATES FOR PAYMENT TO CONTRACTOR

§ 2.6.3.1 ~~The Architect shall review and certify~~ When specified in the scope of a work Order, the Architect shall review the amounts due the Contractor and shall issue certificates for payment in such amounts. The Architect's certification for payment shall constitute a representation to the Owner, based on the Architect's evaluation of the Work as provided in Section 2.6.2 and on the data comprising the Contractor's Application for Payment, that, to the best of the Architect's knowledge, information and belief, the Work has progressed to the point indicated and that the quality of the Work is in accordance with the Contract Documents. The foregoing representations are subject (1) to an evaluation of the Work for conformance with the Contract Documents upon Substantial Completion, (2) to results of subsequent tests and inspections, (3) to correction of minor deviations from the Contract Documents prior to completion, and (4) to specific qualifications expressed by the Architect. The issuance of a Certificate for Payment shall further constitute a representation that the Contractor is entitled to payment in the amount certified.

§ 2.6.3.2 The issuance of a Certificate for Payment shall not be a representation that the Architect has (1) made exhaustive or continuous on-site inspections to check the quality or quantity of the Work, (2) reviewed construction means, methods, techniques, sequences or procedures, (3) (2) reviewed copies of requisitions received from Subcontractors and material suppliers and other data requested by the Owner to substantiate the Contractor's right to payment, or (4) (3) ascertained how or for what purpose the Contractor has used money previously paid on account of the Contract Sum.

§ 2.6.3.3 The Architect shall maintain a record of the Applications and Certificates for Payment.

§ 2.6.4 SUBMITTALS

§ 2.6.4.1 The Architect shall review the Contractor's submittal schedule and shall not unreasonably delay or withhold approval. The Architect's action in reviewing submittals shall be taken in accordance with the approved submittal schedule or, in the absence of an approved submittal schedule, with reasonable promptness while allowing sufficient time in the Architect's professional judgment to permit adequate review.

§ 2.6.4.2 In accordance with the Architect-approved submittal schedule, the Architect shall review and approve or take other appropriate action upon the Contractor's submittals such as Shop Drawings, Product Data and Samples, but only for the limited purpose of checking for conformance with information given and the design concept expressed in the Contract Documents. Review of such submittals is not for the purpose of determining the accuracy and completeness of other information such as dimensions, quantities, and installation or performance of equipment or systems, which are the Contractor's responsibility. The Architect's review shall not constitute approval of safety precautions or, unless otherwise specifically stated by the Architect, of any construction means, methods, techniques, sequences or procedures. The Architect's approval of a specific item shall not indicate approval of an assembly of which the item is a component.

§ 2.6.4.3 If the Contract Documents specifically require the Contractor to provide professional design services or certifications by a design professional related to systems, materials or equipment, the Architect shall specify the appropriate performance and design criteria that such services must satisfy. The Architect shall review shop Drawings and other submittals related to the Work designed or certified by the design professional retained by the Contractor that bear such professional's seal and signature when submitted to the Architect. The Architect shall be entitled to rely upon the adequacy, accuracy and completeness of the services, certifications and approvals performed or provided by such design professionals.

§ 2.6.4.4 Subject to the provisions of Section 3.3, the Architect shall review and respond to reasonable requests for information about the Contract Documents. ~~The Architect shall set forth in the Contract Documents the requirements for requests for information. Requests for information shall include, at a minimum, a detailed written statement that indicates the specific Drawings or Specifications in need of clarification and the nature of the clarification requested. The Architect's response to such requests shall be made in writing within any time limits agreed upon, or otherwise with reasonable promptness. If appropriate, . . .~~ If appropriate, and requested by the Owner, the Architect shall prepare and issue supplemental Drawings and Specifications in response to requests for information.

§ 2.6.4.5 The Architect shall maintain a record of submittals and copies of submittals supplied by the Contractor in accordance with the requirements of the Contract Documents.

§ 2.6.5 CHANGES IN THE WORK

§ 2.6.5.1 ~~The Architect may~~ When specified in the scope of a Work Order, the Architect may, with prior approval of the Owner, authorize minor changes in the Work that are consistent with the intent of the Contract Documents and do not involve an adjustment in the Contract Sum or an extension of the Contract Time. Subject to the provisions of Section 3.3, the Architect shall prepare Change Orders and Construction Change Directives for the Owner's approval and execution in accordance with the Contract Documents.

§ 2.6.5.2 The Architect shall maintain records relative to changes in the Work.

§ 2.6.6 PROJECT COMPLETION

§ 2.6.6.1 ~~The~~ When specified in the scope of a Work Order, the Architect shall conduct inspections to determine the date or dates of Substantial Completion and the date of final completion; issue Certificates of Substantial

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Completion; receive from the Contractor and forward to the Owner, for the Owner's review and records, written warranties and related documents required by the Contract Documents and assembled by the Contractor; and issue a final Certificate for Payment based upon a final inspection indicating the Work complies with the requirements of the Contract Documents.

§ 2.6.6.2 The Architect's inspections shall be conducted with the Owner shall, at the option of the Owner, be conducted with the Owner's Designated Representative to check conformance of the Work with the requirements of the Contract Documents and to verify the accuracy and completeness of the list submitted by the Contractor of Work to be completed or corrected.

§ 2.6.6.3 When the Work is found to be substantially complete, the Architect shall inform the Owner about the balance of the Contract Sum remaining to be paid the Contractor, including the amount to be retained from the Contract Sum, if any, for final completion or correction of the Work.

§ 2.6.6.4 The Architect shall forward to the Owner the following information received from the Contractor: (1) consent of surety or sureties, if any, to reduction in or partial release of retainage or the making of final payment; (2) affidavits, receipts, releases and waivers of liens or bonds indemnifying the Owner against liens; and (3) any other documentation required of the Contractor under the Contract Documents.

§ 2.6.6.5 Upon request of the Owner, and prior to the expiration of one year from the date of Substantial Completion, the Architect shall, without additional compensation, conduct a meeting with the Owner to review the facility operations and performance.

ARTICLE 3 — ADDITIONAL SERVICES

ARTICLE 3 SCHEDULE OF SERVICES

§ 3.1 Additional Services listed below are not included in Basic Services but may be required for the Project. The Architect shall provide the listed Additional Services only if specifically designated in the table below as the Architect's responsibility, and the Owner shall compensate the Architect as provided in Section 6.2, specified herein on an as required basis or as specified in each individual Work Order.

(Designate the Additional Services the Architect shall provide in the second column of the table below. In the third column indicate whether the service description is located in Section 3.2 or in an attached exhibit. If in an exhibit, identify the exhibit.)

Additional Services	Responsibility (Architect, Owner or Not Provided)	Location of Service Description (Section 3.2 below or in an exhibit attached to this document and identified below)
§ 3.1.1 Programming (B202™-2009)		
§ 3.1.2 Multiple preliminary designs		
§ 3.1.3 Measured drawings		
§ 3.1.4 Existing facilities surveys		
§ 3.1.5 Site Evaluation and Planning (B203™-2007)		
§ 3.1.6 Building Information Modeling (E202™-2008)		
§ 3.1.7 Civil engineering		
§ 3.1.8 Landscape design		
§ 3.1.9 Architectural Interior Design (B252™-2007)		
§ 3.1.10 Value Analysis (B204™-2007)		
§ 3.1.11 Detailed cost estimating		
§ 3.1.12 On-site Project Representation (B207™-2008)		
§ 3.1.13 Conformed construction documents		
§ 3.1.14 As-designed record drawings		
§ 3.1.15 As-constructed record drawings		
§ 3.1.16 Post occupancy evaluation		
§ 3.1.17 Facility Support Services (B210™-2007)		
§ 3.1.18 Tenant-related services		

§ 3.1.19	Coordination of Owner's consultants		
§ 3.1.20	Telecommunications/data design		
§ 3.1.21	Security Evaluation and Planning (B206™-2007)		
§ 3.1.22	Commissioning (B211™-2007)		
§ 3.1.23	Extensive environmentally responsible design		
§ 3.1.24	LEED® Certification (B214™-2012)		
§ 3.1.25	Fast-track design services		
§ 3.1.26	Historic Preservation (B205™-2007)		
§ 3.1.27	Furniture, Furnishings, and Equipment Design (B253™-2007)		

§ 3.2 Insert a description of each Additional Service designated above as the Architect's responsibility, if not further described in an exhibit attached to this document.

§ 3.3 ~~Additional Services may be provided. Change in Services of the Architect, including services required of the Architect's consultants, if any, may be accomplished after execution of this Agreement, without invalidating the Agreement. Except for services required invalidating the Agreement if mutually agreed upon, in writing, if required by circumstances beyond the Architect's control, or if the Architect's services are affected as described in Section 3.3.31. Such change shall be in compliance with Section 33.1-10 of the Code of the City of Norfolk, Virginia 1979, as amended. In the absence of mutual agreement in writing, the Architect shall notify the Owner prior to providing such services. If the Owner deems that all or a part of such Change in Services is not required, the Owner shall give prompt written notice to the Architect, and the Architect shall have no obligation to change those services. Except for a change due to the fault of the Architect, any Additional Services provided in accordance with this Section 3.3 shall entitle the Architect to such Change in Services of the Architect shall entitle the Architect or the Owner, as applicable, to an adjustment in compensation pursuant to Section 6.3.~~

§ 3.3.1 ~~Upon recognizing the need to perform the following Additional Services, the Architect shall notify the Owner with reasonable promptness and explain the facts and circumstances giving rise to the need. The Architect shall not proceed to provide the following services until the Architect receives the Owner's written authorization:~~

- ~~1. Services necessitated by a change in the Initial Information, previous instructions or approvals given by the Owner, or a material change in the Project including, but not limited to, size, quality, complexity, the Owner's schedule or budget for Cost of the Work, or procurement or delivery method;~~
- ~~2. Services necessitated by the Owner's request for extensive environmentally responsible design alternatives, such as unique system designs, in-depth material research, energy modeling, or LEED® certification;~~
- ~~3. Changing or editing previously prepared Instruments of Service necessitated by the enactment or revision of codes, laws or regulations or official interpretations;~~
- ~~4. Services necessitated by decisions of the Owner not rendered in a timely manner or any other failure of performance on the part of the Owner or the Owner's consultants or contractors;~~
- ~~5. Preparing digital data for transmission to the Owner's consultants and contractors, or to other Owner authorized recipients;~~
- ~~6. Preparation of design and documentation for alternate bid or proposal requests proposed by the Owner;~~
- ~~7. Preparation for, and attendance at, a public presentation, meeting or hearing;~~
- ~~8. Preparation for, and attendance at a dispute resolution proceeding or legal proceeding, except where the Architect is party thereto;~~
- ~~9. Evaluation of the qualifications of bidders or persons providing proposals;~~
- ~~10. Consultation concerning replacement of Work resulting from fire or other cause during construction;~~
~~or~~
- ~~11. Assistance to the Initial Decision Maker, if other than the Architect.~~

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§ 3.3.1.: If any of the following circumstances affect the Architect's services for any Work Order, the Architect or the Owner shall be entitled to an appropriate adjustment in the Architect's schedule and compensation:

- .1 Services necessitated by a change in the instructions or approvals given by the Owner that necessitate revisions in drawings, specifications, or other documents, or a significant change in the Project including, but not limited to, size, quality, complexity, the Owner's schedule or budget or procurement method;
- .2 Services necessitated by the Owner's request for extensive environmentally responsible design alternatives, such as unique system designs, in-depth material research, energy modeling, or LEED® certification;
- .3 Changing or editing previously prepared drawings, specifications, or other documents necessitated by the enactment or revision of codes, laws or regulations or official interpretations;
- .4 failure of performance on the part of the Owner or the Owner's consultants, if any or contractors;
- .5 Preparing digital data for transmission to the Owner's consultants, if any, and contractors, or to other Owner authorized recipients;
- .6 ; Intentionally Omitted
- .7 ; Intentionally Omitted
- .8 Preparation for, and attendance at a dispute resolution proceeding or legal proceeding, except where the Architect is party thereto or alleged to have committed a wrongful act or omission which is a subject of such hearing or proceeding;
- .9 ; Intentionally Omitted
- .10 Consultation concerning replacement of Work resulting from fire or other cause during construction;
or
- .11 . Intentionally Omitted

§ 3.3.2 To avoid delay in the Construction Phase, the Architect shall provide the following Additional Services, notify the Owner with reasonable promptness, and explain the facts and circumstances giving rise to the need. If the Owner subsequently determines that all or parts of those services are not required, the Owner shall give prompt written notice to the Architect, and the Owner shall have no further obligation to compensate the Architect for those services:

- .1 Reviewing a Contractor's submittal out of sequence from the submittal schedule agreed to by the Architect; Intentionally Omitted
- .2 Responding to the Contractor's requests for information that are not prepared in accordance with the Contract Documents or where such information is available to the Contractor from a careful study and comparison of the Contract Documents, field conditions, other Owner provided information, Contractor prepared coordination drawings, or prior Project correspondence or documentation;; Intentionally Omitted
- .3 Preparing Change Orders and Construction Change Directives that require evaluation of Contractor's proposals and supporting data, data not included in the original Scope of work, or the preparation or revision of Instruments of Service; drawings, specifications, or other documents, and not resulting from the Architect's negligence;
- .4 Evaluating an extensive number of Claims as the Initial Decision Maker; provided, that such claims do not assert fault on the part of the Architect;
- .5 Evaluating substitutions proposed by the Owner or Contractor and making subsequent revisions to Instruments of Service drawings, specifications, and other documents resulting therefrom; or
- .6 To the extent the Architect's Basic Services are affected, providing Construction Phase Services 60 days after (1) the date of Substantial Completion of the Work or (2) the anticipated date of Substantial Completion, identified in Initial Information, whichever is earlier. Completion but only to the extent that the performance of such Services is rendered more expensive to the Architect thereby.

§ 3.3.3 The Architect shall provide Construction Phase Services exceeding the limits set forth below as Additional Services. When the limits below are reached, the Architect shall notify the Owner:

- .1 () reviews of each Shop Drawing, Product Data item, sample and similar submittal of the Contractor
- .2 () visits to the site by the Architect over the duration of the Project during construction
- .3 () inspections for any portion of the Work to determine whether such portion of the Work is substantially complete in accordance with the requirements of the Contract Documents
- .4 () inspections for any portion of the Work to determine final completion

§ 3.3.3.: Intentionally Omitted

- .1 () Intentionally Omitted
- .2 () Intentionally Omitted
- .3 () Intentionally Omitted
- .4 () Intentionally Omitted

§ 3.3.4 If the services covered by this Agreement have not been completed within twelve (12) months of the date of this Agreement, through no fault of the Architect, extension of the Architect's services beyond that time shall continue to be compensated as Additional Services.

ARTICLE 4 OWNER'S RESPONSIBILITIES

§ 4.1 The Owner shall establish and periodically update the Owner's budget for each Work Order, the Project, including (1) the budget for the Cost of the Work as defined in Section 5.1; (2) the Owner's other costs; and, (3) reasonable contingencies related to all of these costs. If the Owner significantly increases or decreases the Owner's budget for the Cost of the Work, the Owner shall notify the Architect. ~~The Owner and the Architect shall thereafter agree to a corresponding change in the Project's scope and quality. Architect..~~

§ 4.2 ~~The to the extent feasible, the~~ Owner shall furnish surveys to describe physical characteristics, legal limitations and utility locations for the site of ~~the Project, each Work Order,~~ and a written legal description of the site. The surveys and legal information shall include, as applicable, grades and lines of streets, alleys, pavements and adjoining property and structures; designated wetlands; adjacent drainage; rights-of-way, restrictions, easements, encroachments, zoning, deed restrictions, boundaries and contours of the site; locations, dimensions and necessary data with respect to existing buildings, other improvements and trees; and information concerning available utility services and lines, both public and private, above and below grade, including inverts and depths. All the information on the survey shall be referenced to a Project benchmark.

~~§ 4.3 The Owner shall furnish services of geotechnical engineers, which may include but are not limited to test borings, test pits, determinations of soil bearing values, percolation tests, evaluations of hazardous materials, seismic evaluation, ground corrosion tests and resistivity tests, including necessary operations for anticipating subsoil conditions, with written reports and appropriate recommendations.~~

§ 4.3. Intentionally Omitted

§ 4.4 ~~The Owner shall Unless otherwise provided in this Agreement, the Owner shall, to the extent feasible,~~ furnish tests, inspections and reports required by law or the Contract Documents, such as structural, mechanical, and chemical tests, tests for air and water pollution, and tests for hazardous materials.

§ 4.5 Except as otherwise provided in this Agreement, ~~or when direct communications have been specially authorized, the Owner shall,~~ the Owner shall initially endeavor to communicate with the Contractor and the Architect's consultants through the Architect about matters arising out of or relating to the Contract Documents. The Owner shall promptly notify the Architect of any direct communications that may affect the Architect's services.

§ 4.6 Before executing the Contract for Construction, the Owner shall coordinate the Architect's duties and responsibilities set forth in the Contract for Construction with the Architect's services set forth in this Agreement. The Owner shall provide the Architect a copy of the executed agreement between the Owner and Contractor, including the General Conditions of the Contract for ~~Construction-Construction~~ (as modified).

§ 4.7 The Owner shall provide the Architect access to the Project site prior to commencement of the Work and shall obligate the Contractor to provide the Architect access to the Work wherever it is in preparation or progress.

ARTICLE 5 COST OF THE WORK

§ 5.1 For purposes of this Agreement, the Cost of the Work shall be the total cost to the Owner to construct all elements of the Project designed or specified by the Architect and shall include contractors' general conditions costs, overhead and profit. The Cost of the Work does not include the compensation of the Architect, the costs of the land, rights-of-way, financing, contingencies for changes in the Work or other costs that are the responsibility of the Owner.

§ 5.2 The Owner's budget for the Cost of the Work is provided in Initial Information, and may be adjusted throughout the Project as required under Sections 4.1, 5.4 and 5.5. Evaluations of the Owner's budget for the Cost of the Work, the preliminary estimate of the Cost of the Work and updated estimates of the Cost of the Work prepared by the Architect, represent the Architect's judgment as a design professional. It is recognized, however, that neither the Architect nor the Owner has control over the cost of labor, materials or equipment; the Contractor's methods of determining bid prices; or competitive bidding, market or negotiating conditions. Accordingly, the Architect cannot and does not warrant or represent that bids or negotiated prices will not vary from the Owner's budget for the Cost of the Work or from any estimate of the Cost of the Work or evaluation prepared or agreed to by the Architect.

§ 5.3 In preparing estimates of the Cost of Work, the Architect shall be permitted to include reasonable contingencies for design, bidding and price escalation; to determine what materials, equipment, component systems and types of construction acceptable to the Owner are to be included in the Contract Documents; to make reasonable adjustments in the program and scope of the ~~Project; Project acceptable to the Owner;~~ and to include in the Contract Documents alternate bids acceptable to the Owner as may be necessary to adjust the estimated Cost of the Work to meet the Owner's budget for the Cost of the Work. The Architect's estimate of the Cost of the Work shall be based on current area, volume or similar conceptual estimating techniques. ~~If the Owner requests detailed cost estimating services, the Architect shall provide such services as an Additional Service under Article 3, techniques..~~

§ 5.4 If the Bidding or Negotiation Phase has not commenced within 90 days after the Architect submits the Construction Documents to the Owner, through no fault of the Architect, the Owner's budget for the Cost of the Work shall be reviewed and, if necessary, adjusted to reflect changes in the general level of prices in the applicable construction market.

§ 5.5 If at any time the Architect's estimate of the Cost of the Work exceeds the Owner's budget for the Cost of the Work, the Architect shall make appropriate recommendations to the Owner to adjust the Project's size, quality or budget for the Cost of the Work, and the Owner shall cooperate with the Architect in making such adjustments.

§ 5.6 If the Owner's budget for the Cost of the Work at the conclusion of the Construction Documents Phase Services is exceeded by the lowest bona fide bid or negotiated proposal, the Owner shall

- .1 give written approval of an increase in the budget for the Cost of the Work;
- .2 authorize rebidding or renegotiating of the Project within a reasonable time;
- .3 terminate in accordance with Section 5.5 of AIA Document B102-2007;
- .4 in consultation with the Architect, revise the Project program, scope, or quality as required to reduce the Cost of the Work; or
- .5 implement any other mutually acceptable alternative.

§ 5.7 If the Owner chooses to proceed under Section 5.6.4, the Architect, without additional compensation, shall modify the ~~Construction Documents Documents~~ Documents for which the Architect is responsible under this Agreement as necessary to comply with the Owner's budget for the Cost of the Work at the conclusion of the Construction Documents Phase Services, or the budget as adjusted under Section 6.6.1. The Architect's modification of the Construction Documents shall be the limit of the Architect's responsibility under this Article 5. The Architect shall be entitled to compensation in accordance with this Agreement for all services performed through the completion of the applicable phase of Work, whether or not construction is commenced.

ARTICLE 6 — COMPENSATION

§ 6.1 For the Architect's Basic Services described under Article 2, or elsewhere herein, the Owner shall compensate the Architect as follows:

(Insert amount of, or basis for, compensation.)

The Architect will be compensated the funds encumbered and cited within each individual Work Order.

§ 6.2 For Additional Services designated in Section 3.1, the Owner shall compensate the Architect as follows:
(Insert amount of, or basis for, compensation. If necessary, list specific services to which particular methods of compensation apply.)

If additional services become necessary to complete the work, the Architect shall submit a proposal outlining the additional services and costs. A new Work Order will be issued citing the additional funds for compensation.

§ 6.3 For Additional Services that may arise during the course of the Project, including those under Section 3.3, during the course of the Project, the Owner shall compensate the Architect as follows:
(Insert amount of, or basis for, compensation.)

If additional services become necessary to complete the work, the Architect shall submit a proposal outlining the additional services and costs. A new Work Order will be issued citing the additional funds for compensation.

§ 6.4 Compensation for Additional Services of the Architect's consultants when not included in Section 6.2 or 6.3, shall be the amount invoiced to the Architect plus a fee of _____ percent (_____ %), or as otherwise stated below:

For a Change in Services of the Architect's consultants, compensation shall be computed as ten percent (10%) times the amount billed to the Architect for such services, and shall be based on the Architect's Rate Schedule, which includes rate of Architect's consultants.

§ 6.5 Where compensation for Basic Services is based on a stipulated sum or percentage of the Cost of the Work, the compensation for each phase of services shall be as follows:

Schematic Design Phase	percent (_____)	(_____ %)
Design Development Phase	percent (_____)	(_____ %)
Construction Documents Phase	percent (_____)	(_____ %)
Bidding or Negotiation Phase	percent (_____)	(_____ %)
Construction Phase	percent (_____)	(_____ %)
<hr/>		
Total Basic Compensation	one hundred percent (100)	(100 %)

~~§ 6.6 When compensation is based on a percentage of the Cost of the Work and any portions of the Project are deleted or otherwise not constructed, compensation for those portions of the Project shall be payable to the extent services are performed on those portions, in accordance with the schedule set forth in Section 6.5 based on (1) the lowest bona fide bid or negotiated proposal, or (2) if no such bid or proposal is received, the most recent estimate of the Cost of the Work for such portions of the Project. The Architect shall be entitled to compensation in accordance with this Agreement for all services performed whether or not the Construction Phase is commenced.~~

§ 6.6.

§ 6.7 ~~The hourly billing rates and multiples for services of the Architect and the Architect's consultants, if any, are set forth below. The rates shall be adjusted in accordance with the Architect's and Architect's consultants' normal review practices as set forth in this Agreement shall not be adjusted unless mutually agreed upon by the Owner and the Architect...~~

(If applicable, attach an exhibit of hourly billing rates or insert them below.)

Employee or Category	Rate
----------------------	------

ARTICLE 7 ATTACHMENTS AND EXHIBITS

The following attachments and exhibits, if any, are incorporated herein by reference:

(List other documents, if any, including Exhibit A, Initial Information, and any exhibits relied on in Section 3.1.)

- Exhibit A – B201 -2007, Initial Information
- Exhibit B – Request for Proposals dated August 26, 2016 and as amended October 3, 2016
- Exhibit C – Architect's Rate Schedule including any Owner approved annual adjustments, to be designated as Exhibit C(#)

Exhibit D – A201-2007, General Conditions of the Contract for Construction (as modified)

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed on their respective behalves by their duly authorized officers on the respective dates hereinafter indicated.

Arcadis U.S., Inc.

Architect/Engineer Firm

John M. McCarthy

Authorized Signature

Printed Name

Title

Contents Approved:

[Signature]

Director of Public Works

Approved as to form and correctness:

[Signature]

Deputy City Attorney

Attest:

[Signature]

City Clerk

4.21.17

By

[Signature]

City Manager

CITY OF NORFOLK, VIRGINIA

CERTIFICATION OF FUNDS

I hereby certify that the money required for this contract (agreement, obligation or expenditure) is in the City Treasury to the credit of the fund from which it is to be drawn, and not appropriated for any other purpose.

Account: 2500-41-9229-5307 (FY 17)

Contract No.: 26367

Vendor Code: ARCADI0150

[Signature] 4/4/17

Director of Finance Date

Handwritten signature or scribble.



Document B201™ – 2007 Exhibit A

Initial Information

for the following PROJECT:

(Name and location or address)

National Disaster Resilience Competition (NDRC) - Ohio Creek - Design Services – Indefinite Quantity Contract

THE City of Norfolk, a municipal Corporation of the Commonwealth of Virginia, hereinafter called the "City" or the OWNER:

(Name, legal status and address)

City of Norfolk
810 Union Street, Room 700
Norfolk, Virginia 23510

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

THE ARCHITECT:

(Name, legal status and address)

Arcadis U.S., Inc.
295 Bendix Road, Suite 240
Virginia Beach, Virginia 23452

This Agreement is based on the following information.

(Note the disposition for the following items by inserting the requested information or a statement such as "not applicable," "unknown at time of execution" or "to be determined later by mutual agreement.")

ARTICLE A.1 PROJECT INFORMATION

§ A.1.1 The Owner's program for the Project:

(Identify documentation or state the manner in which the program will be developed.)

is to be determined within each individual Work Order

§ A.1.2 The Project's physical characteristics:

(Identify or describe, if appropriate, size, location, dimensions, or other pertinent information, such as geotechnical reports; site, boundary and topographic surveys; traffic and utility studies; availability of public and private utilities and services; legal description of the site; etc.)

are to be determined within each individual Work Order

§ A.1.3 The Owner's budget for the Cost of the Work, as defined in Section 5.1:

(Provide total and, if known, a line item break down.)

is to be determine within each individual Work Order

§ A.1.4 The Owner's other anticipated scheduling information, if any, not provided in Section 1.2:

is to be determined within each individual Work Order

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User Notes:

(1650936406)

init.

§ A.1.5 The Owner intends the following procurement or delivery method for the Project:
(Identify method such as competitive bid, negotiated contract, or construction management.)

is to be determined in each individual Work Order

§ A.1.6 Other Project information:
(Identify special characteristics or needs of the Project not provided elsewhere, such as environmentally responsible design or historic preservation requirements.)

is to be identified in each individual Work Order

ARTICLE A.2 PROJECT TEAM

§ A.2.1 The Owner identifies the following representative in accordance with AIA Document B102™–2007, Standard Form of Agreement Between Owner and Architect, Section 2.2:
(List name, address and other information.)

Scott Smith, P.E., L.S., Coastal Resiliency Manager
City of Norfolk
2233 McKann Avenue
Norfolk, Virginia 23509

§ A.2.2 The persons or entities, in addition to the Owner’s representative, who are required to review the Architect’s submittals to the Owner are as follows:
(List name, address and other information.)

as directed by the City Engineer

§ A.2.3 The Owner will retain the following consultants and contractors:
(List discipline and, if known, identify them by name and address.)

None

§ A.2.4 The Architect identifies the following representative in accordance with AIA Document B102™–2007, Section 1.3:
(List name, address and other information.)

Kyle Graham
Arcadis U.S., Inc.
295 Bendix Road, Suite 240
Virginia Beach, Virginia 23452

§ A.2.5 The Architect will retain the consultants identified in Sections A.2.5.1 and A.2.5.2.
(List discipline and, if known, identify them by name, legal status, address and other information.)

§ A.2.5.1 Consultants retained under Basic Services:

.1 Structural Engineer

Moffatt & Nichol

.2 Mechanical Engineer

N/A

.3 Electrical Engineer

N/A

.4 Waggoner & Ball: Architecture & Urban Design; Landscape Architecture; Community Engagement

.5 Work Program Architects: Architecture & Urban Design; Community Engagement; Architecture & Landscape

.6 SCAPE: Landscape Architecture

.7 WPL: Landscape Architecture; Community Engagement

.8 Moffatt & Nichol: Coastal Engineering; Civil Engineering; Stormwater Mgmt. & Green Infrastructure; Structural Engineering; Geotechnical Engineering; Cost / Constructability

.9 The Miles Agency: Community Engagement

.10 GET Solutions: Geotechnical Testing

.11 McNeilan & Associates: Geotechnical Engineering

.12 Deltares: Geohydrology / Geology

.13 Precision Measurement, Inc.: Surveying

.14 Yale Urban Design Workshop: Architecture and Urbanism

.15 Palmbout: Architecture and Urbanism

.16 H+N+S: Landscape Design

.17 TU Delft: Landscape Design

.18 Wetland Design and Restoration: Ecological Services

§ A.2.5.2 Consultants retained under Additional Services:

§ A.2.6 Other Initial Information on which the Agreement is based:
(Provide other Initial Information.)

init.

a. **TERMS.** The term of this Agreement shall be for one (1) year commencing on the date of the City's Notice to Proceed. The term of this Agreement may be extended by the City for one (1) additional year, with an option to extend for another year, with a written Amendment to the Architect/Engineer from the Director of Public Works. All Work Orders will be issued during the effective period of this Agreement and shall be completed by the Architect/Engineer within the time period set in the Work Order. The Architect/Engineer shall not be required to accept any Work Order under this Agreement after the Agreement completion date. The Architect's Rate Schedule may be adjusted, as approved in writing by the Owner, on an annual basis. There is no minimum amount established per Work Order. The maximum amount per Work Order and the total aggregate value of Work Orders shall be in accordance with current Norfolk City Code, Section 33.1.

b. **EMERGENCY CONDITIONS.** The issuance of a Declaration of Emergency Conditions by any authorized government official shall cause this Agreement to be activated at the terms and conditions listed in the Agreement. The Architect/Engineer shall make available to the City of Norfolk, during the time of the declared emergency, his time and equipment for services deemed necessary by the City to address this emergency. Failure to comply could result in termination of the Agreement by reason of non-compliance.



ADDENDUM NO. 1

Dated: October 3, 2016

**REQUEST FOR PROPOSALS
for
NATIONAL DISASTER RESILIENCE COMPETITION (NDRC) – OHIO CREEK
DESIGN SERVICES**

This Addendum forms a part of the Contract Documents and modifies the original Request for Proposal dated August 26, 2016 as noted below. Acknowledge receipt of this Addendum on page 1 of the Request for Proposal. It will not count towards the page count.

This Addendum consists of three (3) pages.

1. REVISIONS

a. Section II – Instructions to Offerors; Paragraph L. Schedule of Events;

Revise the following dates:

Oral Presentations (if any) – November 8, 2016

Intent to Award posted – Will depend on funding approval from HUD

b. Section II – Instructions to Offerors; Paragraph V. Selection Committee, 4. Proposal review:

Delete: second paragraph, “The City may request an online demonstration.....in a timely fashion.”

c. Section II – Instructions to Offerors; Paragraph V. Selection Committee, 4. Fees and Costs:

Remove and replace with “Fees and Costs: Offerors will not be required to submit a Rate Schedule with their proposal; however, Offerors will be required to provide a “Non-Binding” Rate Schedule if short-listed, at the time of the interview.”

d. Section III – Contract Terms and Conditions

Insert:

The term of this Agreement shall be one (1) year commencing on the date of the City’s Notice to Proceed. The term of this Agreement may be extended at the discretion of the City for one (1) additional year, with an option to extend for

another year, with a written Amendment to the Architect/Engineer from the Director of Public Works. All Work Orders will be issued during the effective period of this Agreement and shall be completed by the Architect/Engineer within the time period set in the Work Order. The Architect/Engineer shall not be required to accept any Work Order under this Agreement after the Agreement completion date. The Architect's Rate Schedule may be adjusted, as approved in writing by the Owner, on an annual basis. There is no minimum amount established per Work Order. The maximum amount per Work Order and total aggregate amount of Work Orders per year shall be in accordance with current Norfolk City Code, Section 33.1-38.

2. QUESTIONS/RESPONSES

Q1: p. 14, #6. - Please clarify what you mean by "online documentation"

R1: Second Paragraph deleted.

Q2: p. 21, B. - "...superfluous use of paper (eg. separate title sheets or chapter dividers) should be avoided" seems contradicted by p. 22, D. "Numbered tabs and dividers are required for each of the sections listed..." Please clarify whether or not tab dividers are required. Also, if divider tabs are desired, do these tab pages (dividers) count toward the 20-page limit for the proposal?

R2: Tab dividers are desired and will not count toward total pages.

Q3: p. 22, I. – Should the first page of the RFP be signed only by the lead on the proposal, or by all team members/consultants? Should Attachments A,B,C,D,E,F be completed (signed, etc.) only by the proposal lead, or by all team members/consultants? Do these pages count against the 20-page limit of the proposal?

R3: The first page of the RFP and subsequent pages of the RFP needing signatures need to be signed only by the Proposal lead.

Q4: p. 23, IV., 1., b. – Please complete this sentence: "Demonstrate experience working collaboratively with"

R4: Working with City Staff and reviewing Agencies.

Q5: What is the difference between p. 22, III. "listing of relevant projects [...] by the proposed Project Manager" and p.23, IV. – "manager's portfolio of experience?"

R5: It is the same, and can be placed in one area and referenced in the other to avoid duplication, Sometimes the firm and PM have similar experience and the firm may have the resources the PM can rely on but, the City wants to ensure that both the firm and PM have experience with this type of work.

Q6: In Section III can team projects be placed in this section in addition to the project manager's relevant project experience?

R6: See R5 above.

Prepared by: Scott Smith, P.E., Coastal Resiliency Manager (Acting)

Issued by: Toni Alvarez
Contract Monitoring Specialist

Posted: August 26, 2016

REQUEST FOR PROPOSAL

PROJECT: National Disaster Resilience Competition (NDRC) - OHIO CREEK – Design Services

Owner: City of Norfolk
 Department of Public Works
 810 Union Street, Suite 700
 Norfolk, VA 23510
 Contact: Scott Smith, P.E., L.S.
 Tel: 757-823-4078 / Email: Scott.smith@norfolk.gov

1. A Pre-Proposal Conference will be held at 2:00 p.m., Wednesday, September 7, 2016, City Hall Building, 810 Union Street, 5th Floor Conference Room, Norfolk, Virginia 23510. Attendance is NON-MANDATORY but highly encouraged.
2. Sealed Proposals must be received no later than 4:00 p.m. (e.s.t.), Thursday, October 6, 2016, addressed to Director, Department of Public Works, 810 Union Street, Room 700, Norfolk, Virginia 23510.
3. ACKNOWLEDGE RECEIPT OF ADDENDUM: #1 CS #2, #3, #4 Please Initial)

THE UNDERSIGNED AGREES TO PERFORM ANY CONTRACT AWARDED AS A RESULT OF THIS RFP, IN ACCORDANCE WITH THE REQUIREMENTS OF AND ATTACHED AGREEMENT TERMS & CONDITIONS SPECIFIED HEREIN. THE SIGNATURE BELOW SHALL BE PROVIDED BY AN AGENT AUTHORIZED TO BIND THE COMPANY. FAILURE TO EXECUTE THIS PORTION MAY RESULT IN REJECTION OF THE OFFEROR'S PROPOSAL.


Offeror Legal Name:	Arcadis U.S., Inc.
Virginia State Corporation Commission Number:	F132686-9
Offeror Contact Name:	Amy Santos
Offeror Contact Email Address:	Amy.Santos@arcadis.com
Offeror Contact Telephone Number:	757-419-3972
Authorized Agent Signature:	
Authorized Agent Name (Printed):	Carlton Serrette
Authorized Agent Contact Email:	Carlton.Serrette@arcadis.com
Authorized Agent Contact Phone:	813.353.5770
Date of Proposal:	October 6, 2016

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SECTION I – BACKGROUND, PURPOSE AND SCOPE OF SERVICES

SECTION I – BACKGROUND, PURPOSE AND SCOPE OF SERVICES

A. Background:

The Commonwealth of Virginia has been awarded a Community Development Block Grant- Disaster Recovery (“CDBG-DR”) Grant in the amount of \$120,459,000. The City of Norfolk (the “City”) is a sub recipient of the Grant and \$115,549,000 has been identified for the Ohio Creek Watershed Transformation Plan, (“NDRC-Ohio Creek Project”).

It is anticipated that the design and construction of the NDRC–Ohio Creek Project will be completed by September 30, 2022, and the projected program budget is approximately \$115,500,000.

The City of Norfolk seeks to not only reduce risk of flooding but also to build resilience to future risk by implementing strategic approaches that address identified stresses and potential shocks such as nuisance flooding risk; major storms and the impact on residents and economic activity. To that end the City has embraced the following resilience opportunity statement with respect to its work in flood risk reduction:

“By 2019, the leadership and key institutions of Norfolk will have institutionalized a collaborative adaptive system strategy for reducing flood damage from coastal storm events and recurring flooding while increasing Norfolk’s social, economic and environmental resilience for the short, medium, and long term. We will have started to reduce flood damage in ways that provide co-benefits for the community, the City, and in some cases Department of Defense facilities and other employers. And we will begin the planning, zoning, education and other non-structural investments to accompany the structural, including natural and nature-based flood risk projects that we will have prioritized for medium and long-term scalable adaptation and flood-impact reduction of Norfolk’s flood risk and other stresses.”

The NDRC – Ohio Creek Project consists of three water-management strategies. The first is to protect the shoreline so that high water levels in the river do not enter the neighborhood or the stormwater system. The second is to capture rainfall across the water shed to slow its flow into the stormwater system and provide additional storage for rainwater so that the water does not pond in the streets. The third is to introduce a living shoreline feature to minimize erosion and increase environmental wellness. The City proposes to use these water-management activities as opportunities to improve the neighborhood by increasing neighborhood connectivity, adding new and improved natural habitat and increasing resilience to flooding.

Individual elements consist of the following:

Shoreline Protection

- Elevated Roads
- Coastal Berm
- Floodwall
- Tide Control Devices
- Living Shorelines

Stormwater Management

- City-installed Rain Gardens
- Pervious Street Paving and Walkways
- Greenscape and Box Culvert

- Stormwater Pumping Stations
- Protected and enhanced Wetlands

Community Amenities

- Permeable Walkways
- Newly Developed Sports Fields
- Waterfront Park Space
- Newly Planted Trees

In order to successfully execute this program, the City is seeking Design Services from a qualified firm to assist in the execution of the NDRC–Ohio Creek Project. The City will separately procure Program Management Services, Technical Advisor/Technical Assistance services to assist with management of United States Department of Housing and Urban Development (“HUD”) CBDG-DR requirements, Environmental services, and Construction Management services.

In addition to successfully planning for, constructing and commissioning the infrastructure required to meet the community needs, the City will also focus on planning, preparing and integrating our business operations associated with the new infrastructure. The Design elements will need to incorporate the City’s Resilience Strategy and seek opportunities to enhance water quality in fulfillment of the City’s TMDL compliance goals.

B. Purpose:

The purpose of this Request for Proposals (“RFP”) is to procure Design Services for the City as a sub-recipient to the Commonwealth of Virginia’s HUD-National Disaster Resilience Funding. The city defines resilience as the capacity of individuals, communities, institutions, businesses, and systems within a city to survive, adapt, and grow no matter what kinds of chronic stresses and acute shocks they experience. Resilient infrastructure projects are intended to create and/or augment existing, complex adaptive systems which create and maintain prosperous social, economic, and ecological systems able to absorb large shocks, which contain self-organizing components that allow for renewal and re-organization as needed. Resilient infrastructure projects may include areas for recreational use, green jobs creation and program development, educational programming and increased ecosystem services, such as enhanced habitats, flood risk reduction, cleaner air and water, and food production.

The City seeks proposals from experienced firms to provide professional design and engineering, to deliver urban scale water-centric projects and/or programs that enhance the resilience of the City, and that may include urban planning, community engagement, coastal restoration, stormwater management, green infrastructure, transportation, landscape architecture and/or other needed services to support and advise the City on the elements identified in the NDRC – Ohio Creek Watershed Transformation Plan. The selected firm will coordinate grant activities with other City projects, as well as additional activities as defined in the scope of services.

Successful projects will attract a broad range of partners, expanding funding options, and will stimulate economic development and provide opportunities for workforce training and development. Resilience infrastructure will require firms/teams to align and co-ordinate design and project outcomes with the City’s

vision to address current and future needs of the City, and facilitate communication between government and the public.

C. Scope of Services:

The scope of work to address the above stated purpose is as follows:

The professional services may include one or more of the following:

- Planning and Urban Design;
- Architectural/Engineering Design;
- Other engineering, design, and other professional services needed to reconstruct, restore, repair, connect, and enhance city assets and the urban fabric in accordance with a strict schedule.

The general descriptions of the services required below may be modified or supplemented. All services are expected to be provided with the same degree of care, skill and diligence as would be ordinarily exercised by a competent practitioner of the same profession in providing similar services in major United States metropolitan areas under the same or similar circumstances.

1. Planning and Urban Design: Planning and Urban Design services may include without limitation:

- a. Cultural and Ecological Impact Assessments and Studies.
- b. Placemaking, including urban and open space design;
- c. Feasibility Studies;
- d. Watershed planning;
- e. Transportation planning;
- f. Community engagement and outreach, to include public education and/or involvement.

2. Architectural/Engineering Design: Architectural/Engineering Design services may include without limitation:

- a. Survey services performed under the supervision of a qualified surveyor, licensed land surveyor that may include without limitation:
 - i. Conducting topographic and right-of-way surveys in the project area including all visible surface objects. All survey work must be tied into the City of Norfolk’s Horizontal and vertical control network.
 - ii. Procurement of information concerning all existing and proposed utilities within the project area through field surveys, contacts with the utility companies, and investigation/assessment of subsurface water, sewer, drainage, and other utility lines;
- b. Schematic design services that may include without limitation:

- i) developing general design criteria outlining the potential enhancement elements within the project boundaries;
 - ii) developing a conceptual plan and design and cost estimates for the project elements;
 - iii) Hydrologic/hydraulic modeling services to validate designed rainfall runoff retention rates and assess impacts of multiple rainfall/storm events on a given project or area;
- c. Preliminary design services that may include without limitation:
- i. preparing and submitting preliminary design plans and supporting computations, including at a minimum a title sheet showing the limits of work, typical sections, special details, plans and profile drawings (including proposed gutter profiles and all sidewalk and property line grades required for proper design), cross sections, and preliminary summary sheets;
 - ii. incorporation of site inventory information where applicable, including but not limited to location of existing trees, street furniture and lighting, existing structures;
 - iii. incorporating horticultural requirements through consultation with the City's Department of Recreation, Parks and Open Space, (RPOS) and reporting and resolving conflicts;
 - iv. preparing and submitting a preliminary construction cost estimate based on estimated quantities developed from the preliminary design plans;
 - v. revising preliminary design plans according to requests and comments from the City until the preliminary design plans are acceptable to the City;
 - vi. preparing and submitting final preliminary design plans for a complete Site Plan review by the City, utility companies, and other interested parties;
 - vii. participating in field reviews as required by the City;
 - viii. compiling review comments, additions, and deletions for inclusion the final design plans;
- d. Preparation of drawings, specifications, reports and other deliverables for the implementation of public green space, urban corridor, stormwater management, and green infrastructure or enhancement projects and/or transportation enhancements that may include the following design features without limitation:
- i. Urban corridor/district plans;
 - 1. Landscape-integrated water management features;
 - 2. Roadway pavement complete with curbs;
 - 3. Subsurface and/or surface drainage systems, water, and sanitary sewer installation, franchise utility corridors, modifications, adjustments and repair as required;
 - 4. Adjustments as required at driveways, at intersecting streets, and at project termini;
 - 5. Installation of ramps for the handicapped at intersections (including medians);
 - 6. Sidewalk and driveways and other pedestrian surface walkway improvements;
 - 7. landscaping;

8. Bioretention areas;
 9. Permeable pavement;
 10. Rain water harvesting structures;
 11. Rain water collection, retention, and/or conveyance systems;
 12. Coastal protection infrastructure;
 13. Groundwater testing and/or monitoring;
 14. Infiltration systems;
 15. Groundwater recharge systems;
 16. Green infrastructure asset inventory, assessment, and/or management;
 17. Wetlands creation and/or re-establishment;
 18. Bioswales, rain gardens, and other stormwater best management practices (BMPs);
 19. Pumps;
 20. Bikeways;
 21. Traffic and pedestrian signalization;
 22. Vehicular and pedestrian signage;
 23. Lighting;
 24. Public art;
 25. Parks, pocket park improvements;
 26. Minor curb, gutter, sidewalk, street surface, and other improvements where repair and/or transition to adjacent improvement are necessary;
 27. Minor drainage modifications and improvements; and other features;
 28. Final grades compatible with adjacent properties and insuring a positive flow of water towards catch basins; and water catchment areas;
- ii. Final design services that may include without limitation:
1. preparing, submitting, and revising complete final construction plans, specifications, drawings, bid documents, traffic control plans, permanent pavement marking and signing plans, landscape plans, lighting plans and construction cost estimates conforming with the City's Site Plan comments, additions, and deletions and all requirements of format and content;
 2. preparing and submitting final, approval plans and specifications in an electronic format compatible with the City's software systems;
 3. Providing plans signed and stamped by the Designer of Record, a Virginia registered Architect, Professional Engineer, and/or Landscape Architect, responsible for the design of the project;

- iii. Coordinate design with the City's Program Management Team and provide regular updates to the City concerning the progress of requested design services;
- iv. Attending and participating in pre-bid and pre-construction conferences, other project conferences, and public meetings and hearings;
- v. Performing and completing each phase of work in accordance with a strict schedule;
- vi. Reviewing and updating construction plans and specifications;

Additional deliverables will be defined through the task order process.

D. Performance and Contract Management

Timeliness and Responsiveness – The selected Consultant shall return the City's Program Management Team phone calls and/or e-mails within forty-eight (48) hours. City's Program Management Team and the consultant(s) will develop mutually agreed upon deadlines for specific deliverables.

E. Fees and Costs

The selected consultant will be responsible for keeping track and monitoring consultant's own time and activities by project and as allowable under the provisions of Federal guidance for administrative and project management costs (reference Federal regulations and policy guidance for these topics).

The hourly rate for each position shall include all overhead costs. In general, the City will not reimburse for cost associated with travel outside of the City. Any reimbursement for travel costs outside of the City must be pre-approved by the City contract management staff.

SECTION II – INSTRUCTIONS TO OFFERORS

A. Contact with City Staff, Representatives, and/or Agents:

Direct contact with City staff, representatives, and/or agents other than the Issuing Office staff on the subject of this RFP or any subject related to this RFP is expressly prohibited.

B. Offerors of Record:

Offerors receiving a copy of this RFP from a source other than the Issuing Office, should consult the City's Procurement website www.norfolk.gov/bids.aspx.

C. Pre-proposal Conference:

There will be a pre-proposal conference on September 7, 2016 at 2:00 p.m. at 810 Union Street, 57TH Floor Conference Room, Norfolk, VA 23510. Attendance is NON-MANDATORY.

D. Questions and Addenda:

Offerors shall carefully examine this RFP and any Addenda. Offerors are responsible for seeking clarifications of any ambiguity, conflict, omission, or other errors in this RFP in writing. Questions shall be addressed to Scott Smith, at scott.smith@norfolk.gov. If the answer materially affects this RFP, the information will be incorporated into an Addendum and posted on City's website www.norfolk.gov/bids.aspx. This RFP and any Addenda shall be incorporated by reference into any resulting Agreement. Offeror is responsible for checking Issuing Office or the City's website www.norfolk.gov/bids.aspx within 48 hours prior to the proposal closing to secure any Addendum issued as part of this RFP.

Oral comments and/or instructions do not form a part of this RFP. Changes or modifications to this RFP made prior to the date and time of closing will be addressed by Addendum from the Issuing Office.

All questions shall be submitted no later than 3:30 p.m. on September 26, 2016. Questions received after that time will not be considered. The answers to questions submitted will be provided in an Addendum which shall be posted on September 30, 2016.

E. Offeror Obligation:

Offeror shall carefully examine the contents of this RFP and any subsequent addenda and inform itself fully of the conditions relating to services required herein. Failure to do so shall not relieve the successful offeror of its obligation to fulfill the requirements of any contract resulting from this RFP.

F. Anti-Collusion:

Collusion or restraint of free competition, direct or indirect, is prohibited. Offerors are required to execute the anti-collusion statement. See Attachment A.

G. Ethics in Public Contracting:

The Offeror shall familiarize itself with Chapter 33.1, Article VII (§§ 33.1-86 through 33.1-93) of the Code of the City of Norfolk, Virginia, 1979, as amended, entitled "ETHICS IN PUBLIC CONTRACTING," including the additional statutes set forth in § 33.1-86 thereof, which are attached. The offeror shall abide by such provisions in submission of its proposal and performance of any contract if awarded. See Attachment B.

H. Nondiscrimination:

The contractor agrees that it will adhere to the nondiscrimination requirements set forth in the Code of the City of Norfolk Section 33.1-53, which will be incorporated into any contract awarded. See Attachment C.

I. Debarment Certification:

The certification regarding debarment, suspension, proposed debarment, and other responsibility matters attached to this RFP must be executed and returned with proposals. See Attachment D.

J. Compliance with Federal Immigration Law:

The Contractor shall certify that, at all times during which any term of an agreement resulting from this solicitation is in effect, it does not and shall not knowingly employ any unauthorized alien. For purposes of this section, an "unauthorized alien" shall mean any alien who is neither lawfully admitted for permanent residence in the United States nor authorized to be employed by either Title 8, section 1324a of the United States Code or the U.S. Attorney General. See Attachment E.

K. Authorization to Transact Business in the Commonwealth:

Contractor shall certify that it is organized as a stock or nonstock corporation, limited liability company, business trust, or limited partnership or registered as a registered limited liability partnership and is authorized to transact business in the Commonwealth as a domestic or foreign business entity if so required by Title 13.1 or Title 50 or as otherwise required by law. See Attachment F.

L. Schedule of Events:

Event	Date
RFP Issued	August 21, 2016
Pre-proposal Conference	September 7, 2016, 2:00 PM
Question Deadline	September 26, 2016, 3:30 PM
Addenda Issued	September 30, 2016
Proposals Due	October 6, 2016, 4:00 PM
Oral Presentations, if any	October 26, 2016
Intent to Award posted	November 16, 2016
Executed Contract	December 9, 2016
Contract commences	December 12, 2016

M. Proposal Submission:

Proposals meeting the requirements set forth in Section IV shall be submitted by hand or delivered in a sealed envelope no later than the time and date deadline specified in this RFP to:

Director
Department of Public Works
810 Union Street, Room 700
Norfolk, Virginia 23510

Timely submission of the proposal is solely the responsibility of the offeror. Proposals received after the specified date and time will be not be accepted.

N. Preparation of Proposals:

In presenting their proposals, offerors are encouraged to be thorough in addressing the specific requirements and scope of work and the Submittal Requirements set forth in Section IV. It is solely the offeror's responsibility to ensure that all pertinent and required information is included in its proposal. Failure to adhere to the format set forth in Section IV and to include the required information could result in a poor evaluation of the offeror's proposal. The City reserves the right to determine if a proposal is incomplete.

O. Proprietary Information/Non-Disclosure:

Offeror is advised that City Code section 33.1-9 and Section 2.2-4342 of the Code of Virginia, 1950, as amended, shall govern public inspection of all records submitted by Offeror. Specifically, if Offeror seeks to protect any proprietary data or materials, pursuant to Section 2.2-4342, Offeror shall: invoke the protections of this section prior to or upon submission of the data or other materials, provide a statement that identifies the data or other materials to be protected and that states the reasons why protection is necessary. Submit trade secrets, confidential documents or other proprietary information under separate cover in a sealed envelope clearly marked "PROPRIETARY".

Information submitted that does not meet the above requirements will be considered public information in accordance with State statutes. References to the proprietary information may be made within the body of the proposal; however, all information contained within the body of the proposal shall be public information in accordance with State statutes. Trade secrets, confidential documents or proprietary information submitted by an offeror in conjunction with this RFP are not subject to public disclosure under the Virginia Freedom of Information Act ("VFOIA"). Information submitted that does not meet the above requirements will be considered public information in accordance with the VFOIA. An all-inclusive statement that the entire Proposal is proprietary and/or confidential is unacceptable. A statement that offeror's costs and/or proposal pricing are to be protected is unacceptable. Offeror will be requested to remove any such statement(s) in order to be eligible for further consideration.

P. Exceptions to the City's Contractual Terms and Conditions

Identify any exceptions to the City's Contract Terms and Conditions (set forth in Section III), including any proposed revision(s), and an explanation of why any such revision is needed. For each exception, offeror will specify the RFP page number, section number, and the exception taken. Offeror must not incorporate its standard contract document into its proposal, by reference or in full text, without listing each exception it represents to the terms and conditions of this RFP.

Q. RFP Closing

Offeror shall ensure its proposal is delivered to and is time stamped by the Issuing Office no later than the Closing Date and Time shown on the cover page of this RFP. Proposals received after the specified date and time will not be considered and will be returned to the Offeror unopened.

R. Proposal Binding For One-hundred Eighty (180) Days:

Offeror agrees that its proposal shall be binding and may not be withdrawn for a period of one-hundred eighty (180) calendar days after the scheduled closing date of this RFP.

S. Cost incurred in Responding:

This RFP does not commit the City to pay any costs incurred in the preparation and submission of proposals or in making necessary studies or designs for the preparation thereof, nor to procure or contract for services.

T. Disposition of Proposals:

On receipt by the City, all materials submitted in response to this RFP will become the property of the City. One (1) copy of each proposal shall be retained for official files and will become a public record after the award and subject to the Virginia Freedom of Information Act (“VFOIA”) provisions.

U. Proposal Evaluation Process:

Evaluation of proposals will be within the discretion of the City. It is the intent of this RFP that all services be provided complete in all respects without need by the City to engage separate technical expertise of services. Upon receipt of the proposals, the City will evaluate all materials submitted by responding firms and rank the proposals using the following 100-point scale:

Technical Criterion	Points
Experience in Providing Services	40
Approach and Capacity	35
Team Qualifications	20
Overall quality, completeness, and responsiveness of the proposal	5
TOTAL	100

V. Selection Committee:

1. Selection Committee: The Owner will establish Selection Subcommittee with relevant subject-matter expertise in reviewing and evaluating proposals received to this solicitation. Each proposal will be evaluated by a subcommittee of six (6) individuals consisting of:

- The Director from the Department of Public Works, or his/her designee;
- The Project Manager requesting the service, or his/her designee;
- Personnel from the Resilience Office, or his/her designee;
- A professional from within local government who possesses expertise in the relevant field; and

The Selection Subcommittee members shall first evaluate the proposals on the basis of criteria other than price. The members shall either complete the numerical grading and provide a written explanation stating the reasons for the rating for each criteria, or if using the wholly qualitative evaluation criteria, the members shall provide a rating of a proposal as highly advantageous, advantageous, not advantageous, or unacceptable and state the reasons for the rating for each criteria.

2. Selection: The City will select an applicant generally according to the procedures described in the City’s Competitive Negotiation Section 33.1-37. The Selection Subcommittee will first evaluate and rank responsive RFP Responses on the following selection Technical criteria and weighting factors listed below and provide an assessment of that score. A Proposer may receive the maximum percentage, a portion of this score, or no percentage at all, depending upon the merit of its RFP Response, as judged by the Selection Subcommittee in accordance with:

Shortlist

The City at its sole discretion may recommend a selection of Offerors for a short list based on the overall ranking.

During the review of any Submission, the Evaluation Committee may:

- conduct reference checks relevant to the Project with any or all of the references cited in a Proposal to verify any and all information, and rely on or consider any relevant information from such cited references in the evaluation of Proposals;
 - seek clarification of a Proposal from any or all Offerors and consider such supplementary information in the evaluation of Proposals; and
 - request interviews/presentations with any, some or all Offerors or Team Members to clarify any questions or considerations based on the information included in Proposals during the evaluation process, and consider any supplementary information from interviews/presentations in the evaluation.
3. Ownership: All proposals and/or documentation submitted therewith are City property for all purposes. Offerors will clearly mark documents or information claimed exempt from public records disclosure and specifically justify the exemption. The City will not credit any blanket exemption claims lacking specific justification. The City does not guarantee the confidentiality of Proposals.
 4. Fees and Costs: Offerors should provide an explanation as to how much it proposes to charge the City to provide the needed services. The explanation should include any and all professional fees and/or costs associated with providing the services.
 5. Effect: This RFP and any related discussions or evaluations by anyone create no rights or obligations whatsoever. The City may cancel or modify this solicitation at any time at will, with or without notice. Anything to the contrary notwithstanding, the contract executed by the City and the selected offeror, if any, is the exclusive statement of rights and obligations extending from this solicitation.
 6. Proposal Review: In accordance with the City's Competitive Sealed Proposals Section 33.1-37, the review committee will evaluate each proposal submitted and rank the response in accordance to the procurement guidelines and schedule of events discussed within the proposal. However, the City reserves the right to modify the qualification process and dates as deemed necessary.

The City may request an online demonstration of specific offerors solutions prior to the selection completion date. Consultants should be prepared to provide such a demonstration in a timely fashion.

7. In-Process Technical Review: Contractor's performance of the Work shall be subject to in- process technical review by the City's Technical Representative or such other person(s) as may be designated in writing by the City, provided such actions are not unreasonable and do not interfere with the progress of the work.

If the City identifies a likely service provider, it may negotiate a final agreement with the Offeror and fix the relationship by contract. The contract shall contain the standard City provisions shown in Contract Terms and Conditions (set forth in Section III).

W. Presentations:

If, in the City's opinion, offeror presentations or demonstrations of the proposals are warranted, the City will notify the selected offerors. Such presentation or demonstration will be at a City site at a date and time mutually agreed to between the City and offeror. Travel will be at the offeror's expense.

X. Award:

The award of a contract(s) shall be at the sole discretion of the City. Award(s) will be made to the Offeror(s) whose proposal is determined to be most advantageous to the City, taking into consideration the evaluation factors set forth in this RFP. The City reserves the right to cancel the solicitation and to waive informalities. The City also reserves the right to enter into any contract deemed to be in its best interest, including the award of a contract to more than one offeror.

Offerors shall submit proposals, in accordance with the RFP requirements and maintain compliance with all federal, state and local laws and regulations. The City further reserves the right to make award(s) based on initial proposals submitted without further discussion of the proposals or deliberation. Therefore, the proposals should be submitted initially on the most favorable terms that the offerors can propose with respect to both price and technical capability. The contents of the proposal(s) of the selected offeror(s), as negotiated, will be incorporated and made a part of any City contractual obligation when the award(s) is made. Proposals will be initially evaluated on the basis of the written material provided, with clarifications requested as needed by the Department of Public Works.

Y. Protests:

Any offeror, who desires to protest the award or decision to award a contract, shall submit the protest in writing to the Director of Public Works no later than ten (10) days after the award or the announcement of the decision to award, whichever occurs first. Public notice of the award or the announcement of the decision to award shall be given by the City, in the manner prescribed in the terms or conditions of the RFP.

No protest shall lie for a claim that the selected offeror is not a responsible offeror. Notwithstanding the requirements specified herein, the written protest shall be addressed to the Department of Public Works and shall include the basis for the protest and the relief sought to be considered valid. The City shall issue a decision in writing stating the reasons for the action taken. This decision shall be final unless the offeror appeals within ten (10) days of receipt of the written decision by instituting legal action as provided in City Code §33.1-106. Nothing in this subsection shall be construed to permit an offeror to challenge the validity of the terms or conditions of the RFP. Pending final determination of a protest or appeal, the validity of a contract awarded and accepted in good faith in accordance with this chapter shall not be affected by the fact that a protest or appeal has been filed.

Z. Cooperative Procurement:

The procurement of goods and/or services provided for in the resulting contract is being conducted pursuant to Virginia Code § 2.2-4304. Therefore, the successful offeror agrees that it will contract with any other public agency or body in the Commonwealth of Virginia who so desires, to permit those public agencies or bodies to purchase such goods and/or services at contract prices, in accordance with the terms, conditions, and specifications of this procurement. The successful offeror shall deal directly with each public agency or body seeking to obtain any goods and/or services pursuant to the resulting contract or from this procurement and in accordance with Virginia Code § 2.2-4304. The City of Norfolk shall not be responsible or liable for any costs, expenses, or any other matters of any type to either the successful offeror or the public agency or body seeking to obtain any goods and/or services pursuant to this cooperative procurement provision. Each entity shall be responsible for the administration of its individual contract with the successful offeror."

SECTION III – CONTRACT TERMS AND CONDITIONS

INSURANCE REQUIREMENTS

Contractor will maintain during the term of this agreement insurance of the types and in the amounts described below. All insurance policies affected by this agreement will be primary and noncontributory to any other insurance or self-insurance maintained by the City, and will be written in an ISO form approved for coverage in the Commonwealth of Virginia. Policy limits may be met via either a singular policy, or in combination with primary and excess, or umbrella, insurance policies. All policies will provide that the Contractor will receive at least thirty (30) days written notice in the event of cancellation of, or material change in, any of the policies. Unless otherwise specifically approved by the City, all general liability and automobile/vehicle liability policies will include the City of Norfolk, Va. and its employees as "Additional Insured", and be written as an "occurrence" base policy. If the Contractor fails to maintain the insurance as set forth in this Agreement, the City has the right, but not the obligation, to purchase such insurance at Contractor's expense.

COMMERCIAL GENERAL LIABILITY INSURANCE (CGL) with a limit of not less than \$1,000,000 each occurrence, \$2,000,000 general aggregate. CGL will cover liability arising from premises, operations, independent contractors, products-completed operations, personal injury and liability assumed under insured contract.

WORKER'S COMPENSATION INSURANCE providing coverage as required by applicable Federal and, or, States' statutes, and Employer's Liability Insurance. The limits of such policies will be at least \$500,000 per accident/disease, and policy limit of \$500,000.

AUTOMOBILE/MOTOR VEHICLE LIABILITY INSURANCE with a limit of not less than \$2 million combined single limit; or, Bodily Injury \$1,000,000 each person, \$2,000,000 accident, and Property Damage \$100,000 each accident covering vehicles used by contractor, or the contractor's employees and agents, as part of providing the services under this RFP and subsequent contracts(s). Such insurance must cover liability arising from any motor vehicle as defined by Commonwealth of Virginia laws and must include coverage for owned, hired and non-owned motor vehicles, as well as uninsured and underinsured motorists.

PROFESSIONAL/ERRORS & OMISSIONS LIABILITY INSURANCE that will protect the Contractor against legal liability from alleged negligence or errors and omissions, including personal injury, which may arise from the performance of the Contractor's duties and obligations under this contract, and for three years thereafter, whether such operations be by the Contractor, the Contractor's staff, or by any Subcontractor or anyone directly or indirectly employed by either of them. The minimum acceptable limits of liability to be provided by such Professional Liability Insurance are \$1,000,000 each occurrence, \$2,000,000 aggregate.

INSURANCE POLICIES/CERTIFICATE OF INSURANCE

Contractor will furnish the City with two (2) copies of the policies, or a certificate(s) of insurance evidencing policies, required in Section III of this Agreement. The certificate(s) will specifically indicate that the insurance includes any extensions of coverage required in Section III above. In the event of cancellation of, or material change in, any of the policies, the Contractor will notify the City within at least 14 days after receiving notice of such cancellation or policy change and provide evidence that insurance coverage is in place to meet the requirements of this agreement. If the Certificate indicates coverage applicable insurance policies will expire prior to completion of all terms of this Agreement/Contract, the Contractor will furnish a certificate of insurance evidencing renewal of such coverage to the CITY within 10 days of the effective date such renewal. All

certificates will be executed by a duly authorized representative of each insurer, showing compliance with the requirements of this agreement. Failure of the City, and, or the City's designated agents for this Contract/Agreement, to (1) demand such certificates or other evidence of full compliance with these requirements, and, or, (2) identify a deficiency from evidence that is provided, will not be construed as a waiver of the Contractor's obligation to maintain the insurance required in this Contract/Agreement.

SUBCONTRACTOR'S INSURANCE: The Contractor will require each of his Sub-Contractors for work performed under this agreement to take out and maintain during the life of the subcontract insurance coverage of the same type and limits required of the Contractor for work performed by the sub-contractor. Each Sub-contractor will furnish to the Contractor two (2) copies of the policies, or certificates of insurance, evidencing the applicable insurance. The Sub-Contractor will comply with the same requirements regarding indications of coverage, renewal and submission of policies as is required of the Contractor. The Contractor will furnish at least one copy the Sub-Contractor's policies/certificate to the City.

INDEMNIFICATION

The Contractor shall indemnify and save harmless the City and its representatives from and against all losses and claims, demands, suits, actions, payments, and judgments arising from personal injury or otherwise, brought or recovered against the City and its representative by reason of any act, negligence or omission of the Contractor, its agents, servants or employees, in the execution of the contracted work, including any and all expense, legal and otherwise, incurred by the City or its representatives in the defense of claim or suit. This paragraph shall survive the expiration or termination of this Agreement.

APPROPRIATION OF FUNDS

Compensation pursuant to performance under this Agreement shall be subject to appropriation by the Council of the City of Norfolk. The City shall not incur any obligation or liability under this Agreement beyond the funds appropriated for such obligation or liability in any fiscal year in which this Agreement is in effect. Funds are certified for the first year of this Agreement. On or before November 1st of each succeeding Contract Year during the term of this Agreement, the Director of Finance shall certify the funds for that Contract Year. If such funds are not available and/or appropriated, the City may cancel the Agreement without incurring any liability and/or damages of any type to the Contractor. Any such cancellation may be by a written notice from the City to the Contractor.

PAYMENT OF SUBCONTRACTORS

The Contractor is obligated to take one of the two following actions within seven (7) days after receipt of amounts paid to the Contractor by the City for work performed by any subcontractor under this Agreement:

- a. Pay the subcontractor for the proportionate share of the total payment received from the City attributable to the work performed by the subcontractor under this Agreement; or
- b. Notify the City and the subcontractor, in writing, of the Contractor's intention to withhold all or a part of the subcontractor's payment with the reason for nonpayment.

The Contractor is obligated to pay interest to the subcontractor on all amounts owed by the Contractor to the subcontractor that remain unpaid after seven (7) days following receipt by the Contractor of payment from the City for work performed by the subcontractor under this Agreement, except for amounts withheld as allowed in subsection b., above. Unless otherwise provided under the terms of this Agreement, interest shall accrue at the rate of one percent (1%) per month.

The Contractor shall include in each of its subcontracts, if any are permitted, a provision requiring each subcontractor to include or otherwise be subject to the same payment and interest requirements with respect to each lower-tier subcontractor.

The Contractor's obligation to pay an interest charge to a subcontractor pursuant to this section may not be construed to be an obligation of the City. A Contract modification or Amendment to this Agreement may not be made for the purpose of providing reimbursement for such interest charge. A cost reimbursement claim may not include any amount for reimbursement for such interest charge.

FORCE MAJEURE

The Contractor shall not be held responsible for failure to perform the duties and responsibilities imposed by this Agreement if such failure is due to fires, riots, rebellions, natural disasters, wars, acts of terrorism, or an act of God beyond control of the Contractor, and outside and beyond the scope of the Contractor's then current, by industry standards, disaster plan, that make performance impossible or illegal, unless otherwise specified in the Contract.

The City shall not be held responsible for failure to perform its duties and responsibilities imposed by this Agreement if such failure is due to fires, riots, rebellions, natural disasters, wars, acts of terrorism, or an act of God beyond control of the City that make performance impossible or illegal, unless otherwise specified in the Contract.

CITY OF NORFOLK BUSINESS LICENSES

The Contractor must comply with the provisions of Ordinance No.38,573 ("Business Licensing") and Taxation of the City of Norfolk Code, if applicable. For information on the provisions of that Chapter and its applicability to this Agreement, the Contractor must contact the City of Norfolk, Business Tax Services, Office of the Commissioner of the Revenue, 810 Union Street, City Hall, First Floor, West Wing, Norfolk, Virginia 23510.

DEFAULT AND TERMINATION

If Contractor fails or refuses to perform any of the terms of this Agreement, including poor services, work or materials, the City may, by written notice to Contractor, terminate this Agreement in whole or in part. In addition to any right to terminate, the City may enforce any remedy available at law or in equity in connection with such default, and Contractor shall be liable for any damages to the City resulting from Contractor's default. The City further reserves the right to immediately obtain such work or services from other entities in the event of Contractor's default.

SUSPENSION OR TERMINATION OF AGREEMENT BY CITY

The City, at any time, may order Contractor to immediately stop work on this Agreement, and/or by thirty (30) days written notice may terminate this Agreement, with or without cause, in whole or in part, at any time. Upon receipt of such notice, the Contractor shall immediately discontinue all services affected (unless the notice directs otherwise), and deliver to the City all data (including electronic data), drawings, specifications, reports, project deliverables, estimates, summaries, and such other information and materials as may have been accumulated by the Contractor in performing this Agreement whether completed or in process (unless otherwise directed by the notice).

- A. If the termination or stop work order is due to the failure of the Contractor to fulfill any of its Agreement obligations, the City may take over the Work and prosecute the same to completion by contract or otherwise.

- B. Should the Agreement be terminated or work is stopped not due in any way to the fault of the Contractor, the Contractor shall only be entitled to compensation for services actually performed and materials actually supplied prior to notice of termination or to stop work and which are approved by the City and any applicable federal or state approving agency. No profit, overhead, or any other costs of any type are allowed after the date of such notice of termination or stop work order.
- C. The rights and remedies of the City provided in this Section are in addition to any other rights and remedies provided by law or under this Agreement and City may pursue any and all such rights and remedies against Contractor as it deems appropriate.

ASSIGNMENT

Contractor shall not assign, transfer, subcontract, or otherwise dispose of its rights or duties under this Agreement to any other person, firm, partnership, company, or corporation without the previous consent in writing of the City.

INDEPENDENT CONTRACTOR

Contractor shall at all times act as an independent contractor in the performance of this Agreement. Neither Contractor nor its employees or agents shall represent themselves to be, or be deemed to be, employees of the City.

SEVERABILITY

If any provisions of this Agreement are held to be unenforceable, this Agreement shall be construed without such provisions.

WAIVER

The failure by a party to exercise any right hereunder shall not operate as a waiver of such party's right to exercise such right or any other right in the future.

CHANGES

This Agreement may be amended only by a written document executed by a duly authorized representative of each of the parties.

GOVERNING LAW AND VENUE

This Agreement is made under and shall be construed according to the laws of the Commonwealth of Virginia. Venue, in the event of litigation, shall be in City of Norfolk.

ETHICS IN PUBLIC CONTRACTING

Contractor hereby certifies that it has familiarized itself with §§33.1-86 through 33.1-93 of the Code of the City of Norfolk, Virginia, 1979, as amended, entitled "Ethics in Public Contracting," and further that all amounts received by Contractor, pursuant to this Agreement are proper and in accordance therewith.

MINORITY PARTICIPATION

It is the policy of the City of Norfolk to facilitate the establishment, preservation, and strengthening of small businesses and businesses owned by women and minorities and to encourage their participation in the City's procurement activities. Toward that end, the City encourages these firms to compete and encourages non-minority firms to provide for the participation of small businesses and businesses owned by women and minorities

through partnerships, joint ventures, subcontracts, and other contractual opportunities. A listing of qualified businesses is available from the Virginia Department of Minority Business Enterprise (www.dmbe.state.va.us). Firms are asked, as part of their submission, to describe any planned use of such businesses. Please include in your proposal whether your firm or any of your sub-consultants is a minority owned business described by one of the following categories: African American (male), African American (female), Caucasian (female), Hispanic (male), Hispanic (female), Asian American (male), Asian American (female), American Indian (male), American Indian (female), Eskimo (male), Eskimo (female), Aleut (male), Aleut (female), Other (male), Other (female).

NORFOLK BUSINESSES

It is also the policy of the City to support Norfolk businesses and workforce development, and the City encourages companies with corporate offices in Norfolk, and which employ Norfolk residents, to compete for City contracts. Please include in your proposal information regarding the location of your offices, the offices of your sub-consultants, and the employment of Norfolk residents by your firm or by your sub-consultants.

NONDISCRIMINATION

In the performance of this Agreement, Contractor agrees that it will adhere to the nondiscrimination requirements set forth in §33.1-53 of the Code of the City of Norfolk, Virginia, 1979, as amended.

DRUG FREE WORKPLACE

During the performance of this Agreement, the Contractor agrees to (i) provide a drug-free workplace for the Contractor's employees; (ii) post in conspicuous places, available to employees and applicants for employment, a statement notifying employees that the unlawful manufacture, sale, distribution, dispensation, possession, or use of a controlled substance or marijuana is prohibited in the Contractor's workplace and specifying the actions that will be taken against employees for violations of such prohibition; (iii) state in all solicitations or advertisements for employees placed by or on behalf of the Contractor that the Contractor maintains a drug-free workplace; and (iv) include the provisions of the foregoing clauses in every subcontract or purchase order of over \$10,000, so that the provisions will be binding upon each subcontractor or Consultant.

For the purposes of this section, "drug-free workplace" means a site for the performance of work done in connection with a specific contract awarded to a contractor by the City, the employees of which Contractor are prohibited from engaging in the unlawful manufacture, sale, distribution, dispensation, possession or use of any controlled substance or marijuana during the performance of the contract. As a condition of continued service on the contract, any Contractor personnel assigned to this project may be required to submit to an alcohol/drug test at any time.

COMPLIANCE WITH FEDERAL IMMIGRATION LAW

The Contractor shall certify that, at all times during which any term of an agreement resulting from this solicitation is in effect, it does not and shall not knowingly employ any unauthorized alien. For purposes of this section, an "unauthorized alien" shall mean any alien who is neither lawfully admitted for permanent residence in the United States nor authorized to be employed by either Title 8, section 1324a of the United States Code or the U.S. Attorney General.

AUTHORIZATION TO TRANSACT BUSINESS IN THE COMMONWEALTH

Contractor hereby represents that it is organized as a stock or nonstock corporation, limited liability company, business trust, or limited partnership or registered as a registered limited liability partnership and is authorized to transact business in the Commonwealth as a domestic or foreign business entity if so required by Title 13.1 or Title 50 or as otherwise required by law.

SECTION IV– PROPOSAL SUBMITTAL REQUIREMENTS

A. General:

Proposals must be submitted as one (1) hard copy containing an original longhand signature on the Proposal Cover Page, and five (5) additional copies, each including a photocopy of the original signed Proposal Cover Page (six (6) copies total), and six (6) electronic copies, (either CD or USB Storage Device). Copies shall not deviate in any way from the original. The Cover Page must be signed by a person authorized to legally bind the offeror.

The Original Proposal and copies shall be submitted by hand or delivered in a sealed envelope no later than the time and date deadline specified in this RFP to:

Director
Department of Public Works
810 Union Street, Room 700
Norfolk, VA 23510

The exterior of the envelope or package shall indicate the name of the offeror, the scheduled proposal submission date and time, the number of the RFP, marked “**NDRC - Ohio Creek – Design Services**”. The time and date of receipt shall be indicated on the envelope or package.

B. Proposal Standards:

Proposal shall meet standards of professional writing established for the type of report or written material provided, shall be thoroughly researched for accuracy of content, shall be grammatically correct and not contain spelling errors and shall be submitted in a format outlined herein. Whenever possible, proposals submitted in response to this RFP shall comply with the following guidelines:

All copies shall be printed on at least thirty percent (30%) recycled-content and/or tree-free paper; All copies shall be double-sided; covers or binders shall be recyclable, made from recycled materials, and/or easily removable to allow for recycling of pages (proposals with glued bindings that meet all other requirements are acceptable); the use of plastic covers or dividers should be avoided; unnecessary attachments or documents not specifically asked for should not be submitted, and superfluous use of paper (e.g. separate title sheets or chapter dividers) should be avoided.

Proposals shall address the below areas, not exceeding the stated page limitations of 20 pages, exclusive of appendices. The proposal shall be limited to a page size of 8 ½” x 11”, single space and type size shall not be less than 10 point font for each response item. The only exception to the page size will be info graphics and schedules in the Approach and Capacity Section, maximum page size for infographics and schedules shall be 11” x 17”. Note: for page-counting purposes, a page equals a one-sided sheet; an 11”x 17” page will count as one page.

C. Unnecessarily Elaborate Responses:

Unnecessarily elaborate brochures or other presentations beyond those sufficient to present a complete and effective response to this RFP are not desired and may be construed as an indication of the respondent's lack of cost consciousness. Elaborate or expensive art work, paper, bindings, and visual and other presentations are neither necessary nor desired by the City.

D. Format of Proposals

Offeror shall respond to this RFP with a written proposal in the format outlined below. The proposal shall include, at a minimum, the following clearly identified sections, page numbers, and each under separate tabs: Numbered tabs and dividers are required for each of the sections listed and in the order below:

Additional instructions are in Section II of this RFP.

- I. RFP COVER PAGE
- II. INTRODUCTION OF OFFEROR
- III. EXPERIENCE IN PROVIDING SIMILAR SERVICE
- IV. APPROACH AND CAPACITY
- V. EXCEPTIONS TO THE CITY'S CONTRACTUAL TERMS AND CONDITIONS
- VI. ATTACHMENTS A, B, C, D, E, AND F, COMPLETED, SIGNED or INITIALED AS NECESSARY

Each element should be completed and omissions shall be explained.

I. RFP COVER PAGE & ATTACHMENTS A, B, C, D, E, AND F FILLED, SIGNED or INITIALED AS NECESSARY

Offerors shall complete the first page of the RFP, sign and submit with their proposal. Attachments to this RFP shall be filled and initialed or signed as necessary and submitted as part of proposals.

All other Attachments are supplied by the City as information.

II. INTRODUCTION OF OFFEROR

The Offeror's proposal shall contain an executive summary that summarizes its overall capabilities and approaches for accomplishing the services specified herein. This summary shall also identify anticipated challenges and/or barriers to completion, cost saving opportunities and other creative approaches. Offeror's shall clearly indicate required experience, the single contact and authorized representative of the Proposer, to include mailing address, telephone number, email address and website (if available).

The proposal shall clearly demonstrate the applicant's qualifications to perform the needed services and attend all factors applicable in a professional relationship. Proposals should include detailed resumes or curricula vitae for the principals performing the services. Copies of the solicitation and related information are available from the City's purchasing website at <http://www.norfolk.gov/bids.aspx>.

III. EXPERIENCE IN PROVIDING SERVICES

Provide detailed description of the similar projects and detail how these projects were similar in scope, objectives, timelines, technical approach, etc.

Offerors shall also submit a listing of relevant projects completed within the last three (3) years by the proposed Project Manager ("PM"). Reference projects should demonstrate applicable skills and experience to successfully complete the Scope of Work described in SERVICES.

This listing shall indicate:

- a. Project Name.
- b. Description of PM Role.

- c. Percentage of Time as related to the total worked on the Reference Project.
- d. For whom the work was performed, including Company Name, Contact Person and that person's email and phone number (inactive emails or phone numbers will result in a deduction of points).
- e. Proposed Cost and Final Billing Cost, provide reason(s) for cost variances
- f. Proposed number of days for completion and actual number of days for completion, provide reason(s) for variances.
- g. Links to an electronic copy of the plans and any other relevant information available electronically.

IV. APPROACH AND CAPACITY

Offeror shall detail the proposed approach to provide the requested services and capacity of current or future staff to meet the demands of the City, to include cross-disciplinary approach to team composition. Offeror shall provide the credentials or resumes of the key program staff members and lines of authority, and the manager's portfolio of experience, as well as an organizational chart which describes the division of responsibilities among the members of the staff (including sub-consultants). Offerors shall include the office locations of all sub-consulting team members identified in your organization chart.

Provide names, addresses and telephone numbers of at least three (3) jurisdictions for whom your agency provided services as requested above in the past two (2) years, from the date of issuance of this RFP. At a minimum, offerors shall provide the following information: Name of an individual from that jurisdiction that can provide information regarding the quality of services provided by your firm; Contact person's email address, and phone number; and Description of the services provided by your firm for the client.

Offeror shall also provide all relevant certifications, include the names of subcontractors, their identification, their areas of expertise, and a description of how they will be used in performance of the services.

1. Approach and Methodology.

The Offeror shall:

- a. Detail its understanding of the scope of the project,
- b. Demonstrate experience working collaboratively with

2. Work Plan.

The Offeror shall provide a detailed summary of your current workload and future commitments over the next two years. This should be in a bar graph format and show how your assigned staff for this project will be allocating their time within your project portfolio.

Additionally, the Offeror shall include a proposed timeline or project schedule detailing all required major tasks, sub-tasks, and milestones to be completed based on the Scope of Work. This description should discuss how each task/deliverable will be completed and should include a project management chart detailing all major tasks, sub-tasks, milestones, critical path items, total number of days from date of Notice to Proceed to final completion (if applicable). A final work plan will be negotiated with the City upon award of the contract.

The Offeror shall:

- a. Demonstrate experience preparing concise, well-written reports with supporting documentation and demonstrate experience preparing and presenting subject matter of reports and supporting materials in public presentations.

- b. The Offeror shall detail any concerns it may have in being able to successfully perform the Work and how it plans to mitigate any concern.

V. EXCEPTIONS TO THE CITY'S CONTRACTUAL TERMS AND CONDITIONS


Identify any exceptions to the City's Contractual Terms and Conditions, including any proposed revision(s), and an explanation of why any such revision is needed. NOTE: review of exceptions to the City's Contractual Terms and Conditions will not be performed during the evaluation of written proposal, and is therefore not part of the evaluation criteria for review of written proposals.

ATTACHMENT A: ANTI-COLLUSION STATEMENT

TO ALL OFFERORS: EXECUTE AND RETURN WITH PROPOSAL DOCUMENTS.

In the preparation and submission of this proposal, on behalf of Arcadis U.S., Inc. (name of offeror), we did not either directly or indirectly enter into any combination or arrangement with any person, firm or corporation, or enter into any agreement, participate in any collusion, or otherwise take any action in the restraint of free competition in violation of the Sherman Anti-Trust Act, 15 USCS § 1 *et seq.*, or the Conspiracy to Rig Bids to Government statutes, Virginia Code §§ 59.1-68.6 through 59.1-68.8.

The undersigned offeror hereby certifies that this agreement, or any claims resulting there from, is not the result of, or affected by, any act of collusion with, or any act of, another person or persons, firm or corporation engaged in the same line of business or commerce; and, that no person acting for, or employed by, the City of Norfolk has an interest in, or is concerned with, this proposal; and, that no person or persons, firm or corporation, other than the undersigned, have or are interested in this proposal.

Signature: 
Name: Carlton Serrette
Title: Senior Vice President
Date: October 5, 2016

End of Page

ATTACHMENT B: ETHICS IN PUBLIC CONTRACTING

Sec. 33.1-86. - Purpose.

The provisions of this chapter supplement, but do not supersede, other provisions of law including but not limited to, the State and Local Government Conflict of Interests Act (Virginia Code, § 2.1-639.1 et seq.), the Virginia Governmental Frauds Act (Virginia Code, § 18.2-498.1 et seq.), and Articles 2 (Virginia Code, § 18.2-438 et seq.) and 3 (Virginia Code, § 18.2-446 et seq.) of Chapter 10 of Title 18.2 (related to bribery). The provisions of this article apply notwithstanding the fact that the conduct described may not constitute a violation of the State and Local Government Conflict of Interests Act.

(Ord. No. 33,095, § 1, 9-11-84; Ord. No. 34,573, § 2, 6-30-87)

Sec. 33.1-87. - Proscribed participation by public employees in procurement transactions.

Except as may be specifically allowed by provisions of the State and Local Government Conflict of Interests Act (Virginia Code, section 2.1-639.1 et seq.), no public employee having official responsibility for a procurement transaction shall participate in that transaction on behalf of the public body when the employee knows that:

1. The employee is contemporaneously employed by a bidder, offeror or contractor involved in the procurement transaction; or
2. The employee, the employee's partners, or any member of the employee's immediate family holds a position with a bidder, offeror or contractor such as an officer, director, trustee, partner or the like, or is employed in a capacity involving personal and substantial participation in the procurement transaction, or owns or controls an interest of more than five (5) percent; or
3. The employee, the employee's partner, or any member of the employee's immediate family has a pecuniary interest arising from the procurement transaction; or
4. The employee, the employee's partner, or any member of the employee's immediate family is negotiating, or has an arrangement concerning, prospective employment with a bidder, offeror or contractor.

(Ord. No. 33,095, § 1, 9-11-84; Ord. No. 34,573, § 3, 6-30-87)

Sec. 33.1-88. - Solicitation or acceptance of gifts.

No public employee having official responsibility for a procurement transaction shall solicit, demand, accept, or agree to accept from a bidder, offeror, contractor or subcontractor any payment, loan, subscription, advance, deposit of money, services or anything of more than nominal or minimal value, present or promised, unless consideration of substantially equal or greater value is exchanged. The city may recover the value of anything conveyed in violation of this section.

(Ord. No. 33,095, § 1, 9-11-84)

Sec. 33.1-89. - Disclosure of subsequent employment.

No public employee or former public employee having official responsibility for procurement transactions shall accept employment with any bidder, offeror or contractor with whom the employee or former employee dealt in an official capacity concerning procurement transactions for a period of one year from the cessation of employment by the city unless the employee, or former employee, provides written notification to the city manager prior to commencement of employment by that bidder, offeror or contractor.

(Ord. No. 33,095, § 1, 9-11-84)

Sec. 33.1-90. - Gifts by bidders, offerors, contractors or subcontractors.

No bidder, offeror, contractor or subcontractor shall confer upon any public employee having official responsibility for a procurement transaction any payment, loan, subscription, advance, deposit of money, services or

anything of more than nominal value, present or promised, unless consideration of substantially equal or greater value is exchanged.

(Ord. No. 33,095, § 1, 9-11-84)

Sec. 33.1-91. - Kickbacks.

1. No contractor or subcontractor shall demand or receive from any of his suppliers or his subcontractors, as an inducement for the award of a subcontract or order, any payment, loan, subscription, advance, deposit of money, services or anything, present or promised, unless consideration of substantially equal or greater value is exchanged.
2. No subcontractor or supplier shall make, or offer to make, kickbacks as described in this section.
3. No person shall demand or receive any payment, loan, subscription, advance, deposit of money, services or anything of value in return for an agreement not to compete on a public contract.
4. If a subcontractor or supplier makes a kickback or other prohibited payment as described in this section, the amount thereof shall be conclusively presumed to have been included in the price of the subcontract or order and ultimately borne by the city and will be recoverable from both the maker and recipient. Recovery from one offending party shall not preclude recovery from other offending parties.

(Ord. No. 33,095, § 1, 9-11-84)

Sec. 33.1-92. - Purchase of building materials, supplies or equipment from architect or engineer prohibited.

Except in cases of emergency, no building materials, supplies or equipment for any building or structure constructed by or for the city shall be sold by or purchased from any person employed as an independent contractor by the city to furnish architectural or engineering services, but not construction, for such building or structure, or from any partnership, association, or corporation in which such architect or engineer has a pecuniary interest.

(Ord. No. 33,095, § 1, 9-11-84)

Sec. 33.1-92.1. - Participation in bid preparation; limitation on submitting bid for same procurement.

No person who, for compensation, prepares an invitation to bid or request for proposals for or on behalf of the city shall:

- i. Submit a bid or proposal for that procurement or any portion thereof; or
- ii. Disclose to any bidder or offeror information concerning the procurement that is not available to the public. However, the city may permit such person to submit a bid or proposal for that procurement or any portion thereof if the city determines that the exclusion of the person would limit the number of potential qualified bidders or offerors in a manner contrary to the best interests of the city.

(Ord. No. 43,223, § 2, 9-9-08)

Sec. 33.1-92.2. - Certification of compliance required; penalty for false statements

1. The city may require public employees having official responsibility for procurement transactions in which they participated to annually submit for such transactions a written certification that they complied with the provisions of this article.
2. Any public employee required to submit a certification as provided in subsection (1) who knowingly makes a false statement in the certification shall be punished as provided in section 33.1-95.

(Ord. No. 43,223, § 2, 9-9-08)

Sec. 33.1-92.3. - Misrepresentations prohibited.

No public employee having official responsibility for a procurement transaction shall knowingly falsify, conceal, or misrepresent a material fact; knowingly make any false, fictitious or fraudulent statements or representations; or make or use any false writing or document knowing it to contain any false, fictitious or fraudulent statement or entry.

(Ord. No. 43,223, § 2, 9-9-08)

Sec. 33.1-93. - Penalty for violation.

Willful violation of any provision of this article shall constitute a Class 1 misdemeanor. Upon conviction, any public employee, in addition to any other fine or penalty provided by law, shall forfeit his employment.

(Ord. No. 33,095, § 1, 9-11-84)

State Law reference— Similar provisions, Code of Virginia, § 11-80.

Sec. 33.1-94—33.1-100. - Reserved.

Initial:



End of Page

ATTACHMENT C: NONDISCRIMINATION

Sec. 33.1-53. - Employment discrimination by contractor prohibited.

Every contract over one thousand dollars (\$1,000.00) shall include or incorporate by reference the following provisions:

1. During the performance of this contract, the contractor agrees as follows:
 - a. The contractor will not discriminate against any employee or applicant for employment because of race, religion, color, sex, disability or national origin, except where religion, sex or national origin is a bona fide occupational qualification reasonably necessary to the normal operation of the contractor. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause.
 - b. The contractor, in all solicitations or advertisements for employees placed by or on behalf of the contractor, will state that such contractor is an equal opportunity employer.
 - c. Notices, advertisements, and solicitations placed in accordance with federal law, rule, or regulation shall be deemed sufficient for the purpose of meeting the requirements of this section.
2. The contractor will include the provisions of the foregoing paragraphs a, b, and c in every subcontractor or purchase order of over ten thousand dollars (\$10,000.00), so that the provisions will be binding upon each subcontractor or Consultant.

(Ord. No. 33,095, § 1, 9-11-84; Ord. No. 39,912, § 1, 4-11-2000)

Initial: _____



End of Page

ATTACHMENT D: DEBARMENT CERTIFICATION

Certification Regarding Debarment, Suspension, Proposed Debarment, and Other Responsibility Matters

I. CERTIFICATION.

The offeror certifies, to the best of its knowledge and belief, that—

(i) The offeror and/or any of its Principals—

(A) Are ___ are not ___ presently debarred, suspended, proposed for debarment, or declared ineligible for the award of contracts by any federal, state or local agency;

(B) Have ___ have not ___, within a three-year period preceding this offer, been convicted of or had a civil judgment rendered against them for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (federal, state, or local) contract or subcontract; violation of federal or state antitrust statutes relating to the submission of offers; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, or receiving stolen property; and

(C) Are ___ are not ___ presently indicted for, or otherwise criminally or civilly charged by a governmental entity with, commission of any of the offenses enumerated in paragraph (a)(1)(i)(B) of this provision.

(ii) The offeror has ___ has not ___, within a three-year period preceding this offer, had one or more contracts terminated for default by any federal, state or local agency.

“Principals,” for the purposes of this certification, means officers; directors; City’s; partners; and, persons having primary management or supervisory responsibilities within a business entity (e.g., general manager; plant manager; head of a subsidiary, division, or business segment, and similar positions).

II. INSTRUCTIONS.

a. The offeror shall provide immediate written notice to the Contracting Officer if, at any time prior to contract award, the offeror learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

b. A certification that any of the items in paragraph (a) of this provision exists will not necessarily result in withholding of an award under this solicitation. However, the certification will be considered in connection with a determination of the offeror’s responsibility. Failure of the offeror to furnish a certification or provide such additional information as requested by the appropriate City purchasing official may render the offeror non-responsible.

c. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render, in good faith, the certification required by paragraph (a) of this provision. The knowledge and information of an offeror is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

d. The certification in paragraph (a) of this provision is a material representation of fact upon which reliance was placed when making award. If it is later determined that the offeror/PPEs knowingly rendered an erroneous certification, in addition to other remedies available to the City, the appropriate City purchasing official may terminate the contract resulting from this solicitation for default.

III. NOTICE.

This Certification Concerns a Matter Within the Jurisdiction of an Agency of the United States and the Making of a False, Fictitious, or Fraudulent Certification May Render the Maker Subject to Prosecution Under Section 1001, Title 18, United States Code.

Signature:  _____

Name: Carlton Serrette

Date: October 5, 2016

ATTACHMENT E: COMPLIANCE WITH FEDERAL IMMIGRATION LAW

1. CERTIFICATION.

The offeror certifies, to the best of its knowledge and belief, that -

The offeror or any of its Principals at all times during which any term of the contract is in effect, (Please fill in with your enterprise's complete name) Arcadis U.S., Inc. does not and shall not knowingly employ any unauthorized alien. For purposes of this section, an "unauthorized alien" shall mean any alien who is neither lawfully admitted for permanent residence in the United States nor authorized to be employed by either Title 8, section 1324a of the United States Code or the U.S. Attorney General.

2. INSTRUCTIONS.

a. The offeror shall provide immediate written notice to the Contracting Officer if, at any time prior to contract award, the offeror learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

b. A certification that any of the items in paragraph (a) of this provision exists will not necessarily result in withholding of an award under this solicitation. However, the certification will be considered in connection with a determination of the offeror's responsibility. Failure of the offeror to furnish a certification or provide such additional information as requested by the appropriate City purchasing official may render the offeror non-responsible.

c. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render, in good faith, the certification required by paragraph (a) of this provision. The knowledge and information of an offeror is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

d. The certification in paragraph (a) of this provision is a material representation of fact upon which reliance was placed when making award. If it is later determined that the offeror knowingly rendered an erroneous certification, in addition to other remedies available to the City, the appropriate City purchasing official may terminate the contract resulting from this solicitation for default.

3. NOTICE.

This certification concerns a matter within the jurisdiction of an agency of the United States and the making of a false, fictitious, or fraudulent certification may render the maker subject to prosecution under section 1001, Title 18, United States Code.

Signature:  _____

Name: Carleton Serrette

Title: Senior Vice President

Date: October 5, 2016

**ATTACHMENT F: COMPLIANCE WITH STATE LAW – AUTHORIZATION TO TRANSACT
BUSINESS IN THE COMMONWEALTH OF VIRGINIA**

I. CERTIFICATION.

A. The offeror (Please fill in with your enterprise's complete name)
Arcadis U.S., Inc. certifies that it is organized or authorized to
transact business in the Commonwealth pursuant to Title 13.1 or Title 50.

The identification number issued to offeror by the State Corporation Commission:
F132686-9

B. Offeror that is not required to be authorized to transact business in the Commonwealth as a foreign
business entity under Title 13.1 or Title 50 or as otherwise required by law shall describe why it is not
required to be so authorized: Not Applicable

II. INSTRUCTIONS.

a. The offeror shall provide immediate written notice to the Contracting Officer if, at any time prior
to contract award, the offeror learns that its certification was erroneous when submitted or has become
erroneous by reason of changed circumstances.

b. A certification that any of the items in paragraph (a) of this provision exists will not necessarily
result in withholding of an award under this solicitation. However, the certification will be considered in
connection with a determination of the offeror's responsibility. Failure of the offeror to furnish a
certification or provide such additional information as requested by the appropriate City purchasing
official may render the offeror non-responsible.

c. Nothing contained in the foregoing shall be construed to require establishment of a system of
records in order to render, in good faith, the certification required by paragraph (a) of this provision. The
knowledge and information of an offeror is not required to exceed that which is normally possessed by a
prudent person in the ordinary course of business dealings.

d. The certification in paragraph (a) of this provision is a material representation of fact upon which
reliance was placed when making award. If it is later determined that the offeror knowingly rendered an
erroneous certification, in addition to other remedies available to the City, the appropriate City purchasing
official may terminate the contract resulting from this solicitation for default.

Signature: 

Name: Carleton Serrette

Title: Senior Vice President

Date: October 5, 2016

ATTACHMENT G:

CDBG COMPLIANCE PROVISIONS FOR PROFESSIONAL SERVICES CONTRACTS

CONTENTS:

1. EQUAL EMPLOYMENT OPPORTUNITY (Equal Opportunity Clause)
2. CERTIFICATION OF NONSEGREGATED FACILITIES
3. CIVIL RIGHTS
4. SECTION 109 OF THE HOUSING AND COMMUNITY DEVELOPMENT ACT OF 1974
5. SECTION 3 OF THE HOUSING AND URBAN DEVELOPMENT ACT OF 1968 - COMPLIANCE IN THE PROVISION OF TRAINING, EMPLOYMENT AND BUSINESS OPPORTUNITIES
6. SECTION 503 OF THE REHABILITATION ACT OF 1973 (29 USC 793)
7. SECTION 504 OF THE REHABILITATION ACT OF 1973, AS AMENDED
8. AGE DISCRIMINATION ACT OF 1975
9. CERTIFICATION OF COMPLIANCE WITH AIR AND WATER ACTS
10. FLOOD DISASTER PROTECTION
11. ACCESS TO RECORDS - MAINTENANCE OF RECORDS
12. INSPECTION
13. REPORTING REQUIREMENTS
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15. ACTIVITIES AND CONTRACTS NOT SUBJECT TO EXECUTIVE ORDER 11246, AS AMENDED
16. PATENTS
17. COPYRIGHT
18. TERMINATION FOR CAUSE
19. TERMINATION FOR CONVENIENCE
20. ENERGY EFFICIENCY
21. SUBCONTRACTS
22. DEBARMENT, SUSPENSION, AND INELIGIBILITY
23. BREACH OF CONTRACT TERMS
24. PROVISIONS REQUIRED BY LAW DEEMED INSERTED
25. CHANGES
26. PERSONNEL
27. ANTI-KICKBACK RULES
28. ASSIGNABILITY
29. INTEREST OF SUB-RECIPIENT
30. POLITICAL ACTIVITY
31. COMPLIANCE WITH THE OFFICE OF MANAGEMENT AND BUDGET
32. DISCRIMINATION DUE TO BELIEF
33. CONFIDENTIAL FINDINGS
34. LOBBYING

- A. During the performance of this contract, the Contractor agrees as follows: The will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The Contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, sex, or national origin. Such action 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 setting forth the provisions of this nondiscrimination clause.
- B. The Contractor will, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, state that all qualified applicants will receive consideration without regard to race, color, religion, sex, or national origin.
- C. The Contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided by the Contract Compliance Officer advising the said labor union or workers' representatives of the Contractor's commitment under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- D. The Contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, as amended, and the rules, regulations, and relevant orders of the Secretary of Labor.
- E. The Contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, as amended, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the Department and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and others.
- F. In the event of the Contractor's noncompliance with the non-discrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be cancelled, terminated, or suspended in whole or in part and the Contractor may be declared ineligible for further Government contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, as amended, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.
- G. The Contractor will include the provisions of the sentence immediately preceding paragraph A and the provisions of paragraphs A through G in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to Section 204 of Executive Order 11246 of September 24, 1965, as amended, so that such provisions will be binding upon each subcontractor or Consultant. The Contractor will take such action with respect to any subcontract or purchase order as the Department may direct as a means of enforcing such provisions, including sanctions for noncompliance. Provided, however, that in the event a Contractor becomes involved in, or is threatened with, litigation with a subcontractor or Consultant as a result of such direction by the Department, the Contractor may request the United States to enter into such litigation to protect the interest of the United States.

2. **CERTIFICATION OF NONSEGREGATED FACILITIES** (applicable to contracts and subcontracts over \$10,000)

By the submission of this bid, the bidder, offeror, applicant or Contractor certifies that he/she does not maintain or provide for his/her establishments, and that he/she does not permit employees to perform their services at any location, under his/her control, where segregated facilities are maintained. He/she certifies further that he/she will not maintain or provide for employees any segregated facilities at any of his/her establishments, and he/she will not permit employees to perform their services at any location under his/her control where segregated facilities are maintained. The bidder, offeror, applicant or Contractor agrees that a breach of this certification is a violation of the equal opportunity clause of this contract.

As used in this certification, the term "segregated facilities" means any waiting rooms, work areas, rest rooms and wash rooms, restaurants and other eating areas, time clocks, locker rooms, and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation and housing facilities provided for employees which are segregated by explicit directive or are, in fact, segregated on the basis of race, color, religion, or national origin because of habit, local custom, or any other reason.

He/she further agrees that (except where he/she has obtained for specific time periods) he/she will obtain identical certification from proposed Contractors prior to the award of subcontracts exceeding \$10,000 which are not exempt from the provisions of the equal opportunity clause; that he/she will retain such certifications in his/her files; and that he/she will forward the following notice to such proposed Contractors (except where proposed Contractors have submitted identical certifications for specific time periods).

3. **CIVIL RIGHTS**

The Contractor shall comply with the provisions of Title VI of the Civil Rights Act of 1964. No person shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving federal financial assistance.

4. **SECTION 109 OF THE HOUSING AND COMMUNITY DEVELOPMENT ACT OF 1974**

The Contractor shall comply with the provisions of Section 109 of the Housing and Community Development Act of 1974. No person in the United States shall on the grounds of race, color, national origin, or sex be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity funded in whole or in part with funds made available under this title. Section 109 further provides that discrimination on the basis of age under the Age Discrimination Act of 1975 or with respect to an otherwise qualified handicapped individual as provided in Section 504 of the Rehabilitation Act of 1973, as amended, is prohibited.

5. **SECTION 3 OF THE HOUSING AND URBAN DEVELOPMENT ACT OF 1968 - COMPLIANCE IN THE PROVISION OF TRAINING, EMPLOYMENT AND BUSINESS OPPORTUNITIES**

- A. The work to be performed under this contract is subject to the requirements of Section 3 of the Housing and Urban Development Act of 1968, as amended, 12 U.S.C. 1701u (section 3). The purpose of section 3 is to ensure that employment and other economic opportunities generated by HUD assistance or HUD-assisted projects covered by Section 3, shall, to the greatest extent feasible, be directed to low- and very low-income persons, particularly persons who are recipients of HUD assistance for housing.
- B. The parties to this contract agree to comply with HUD's regulations in 24 CFR part 135, which implement Section 3. As evidenced by their execution of this contract, the parties to this contract certify that they are under no contractual or other impediment that would prevent them from complying with the part 135 regulations.
- C. The Contractor agrees to send to each labor organization or representative of workers with which the Contractor has a collective bargaining agreement or other understanding, if any, a notice advising the labor organization or workers' representative of the Contractor's commitments under this Section 3 clause, and will post copies of the notice in conspicuous places at the work site where both employees and applicants for training and employment positions can see the notice. The notice shall describe the Section 3 preference, shall set forth minimum number and job titles subject to hire, availability of apprenticeship and training positions, the qualifications for each, and the name and location of the person(s) taking applications for each of the positions, and the anticipated date the work shall begin.
- D. The Contractor agrees to include this Section 3 clause in every subcontract subject to compliance with regulations in 24 CFR part 135, and agrees to take appropriate action, as provided in an applicable provision of the subcontract or in this Section 3 clause, upon a finding that the Contractor is in violation of the regulations in 24 CFR part 135. The Contractor will not subcontract with any Contractor where the Contractor has notice or knowledge that the Contractor has been found in violation of the regulations in 24 CFR part 135.
- E. The Contractor will certify that any vacant employment positions, including training positions, that are filled (1) after the Contractor is selected but before the contract is executed, and (2) with persons other than those to whom the regulations of 24 CFR part 135 require employment opportunities to be directed, were not filled to circumvent the Contractor's obligations under 24 CFR part 135.
- F. Noncompliance with HUD's regulations in 24 CFR part 135 may result in sanctions, termination of this contract for default, and debarment or suspension from future HUD assisted contracts.
- G. With respect to work performed in connection with Section 3 covered Indian housing assistance, Section 7(b) of the Indian Self-Determination and Education Assistance Act (25 U.S.C. 450e) also applies to the work to be performed under this contract. Section 7(b) requires that to the greatest extent feasible (i) preference and opportunities for training and

employment shall be given to Indians, and (ii) preference in the award of contracts and subcontracts shall be given to Indian organizations and Indian-owned Economic Enterprises. Parties to this contract that are subject to the provisions of Section 3 and section 7(b) agree to comply with Section 3 to the maximum extent feasible, but not in derogation of compliance with Section 7(b).

6. SECTION 503 OF THE REHABILITATION ACT OF 1973 (29 USC 793)
(applicable to contracts and subcontracts over \$10,000)

- A. The Contractor will not discriminate against any employee or applicant for employment because of physical or mental handicap in regard to any position for which the employee or applicant for employment is otherwise qualified. The Contractor agrees to take affirmative action to employ, advance in employment and otherwise treat qualified handicapped individuals without discrimination based upon their physical or mental handicap in all employment practices such as the following: employment upgrading, demotion or transfer, recruitment, advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training, including apprenticeship.
- B. The Contractor agrees to comply with the rules, regulations, and relevant orders of the Secretary of Labor issued pursuant to the Act.
- C. In the event of the Contractor's noncompliance with the requirements of this clause, actions for noncompliance may be taken in accordance with the rules, regulations, and relevant orders of the Secretary of Labor issued pursuant to the Act.
- D. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices in a form to be prescribed by the Director, provided by or through the contracting officer. Such notices shall state the Contractor's obligation under the law to take affirmative action to employ and advance in employment qualified handicapped employees and applicants for employment, and the rights of applicants and employees.
- E. The Contractor will notify each labor union or representative of workers with which it has a collective bargaining agreement or other contract understanding, that the Contractor is bound by the terms of Section 503 of the Rehabilitation Act of 1973, and is committed to take affirmative action to employ and advance in employment physically and mentally handicapped individuals.
- F. The Contractor will include the provisions of this clause in every subcontract or purchase order of \$10,000 or more unless exempted by rules, regulations, or orders of the Secretary issued pursuant to Section 503 of the Act, so that such provisions will be binding upon each Contractor or Consultant. The Contractor will take such action with respect to any subcontract or purchase order as the Director of the Office of Federal Contract Compliance Programs may direct to enforce such provisions, including action for noncompliance.

7. SECTION 504 OF THE REHABILITATION ACT OF 1973, AS AMENDED

The Contractor agrees that no otherwise qualified individual with disabilities shall, solely by reason of his disability, be denied the benefits, or be subjected to discrimination including discrimination in employment, any program or activity that receives the benefits from the federal financial assistance.

8. AGE DISCRIMINATION ACT OF 1975

The Contractor shall comply with the provisions of the Age Discrimination Act of 1975. No person in the United States shall, on the basis of age, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under, any program or activity receiving federal financial assistance.

9. CERTIFICATION OF COMPLIANCE WITH AIR AND WATER ACTS
(applicable to contracts and subcontracts exceeding \$100,000)

The Contractor and all Contractors shall comply with the requirements of the Clean Air Act, as amended, 42 USC 1857 et seq., the Federal Water Pollution Control Act, as amended, 33 USC 1251 et seq., and the regulations of the Environmental Protection Agency with respect thereto, at 40 CFR Part 15, as amended.

In addition to the foregoing requirements, all nonexempt Contractors and Contractors shall furnish to the owner, the following:

- A. A stipulation by the Contractor or Contractors, that any facility to be utilized in the performance of any nonexempt contract or subcontract, is not listed on the List of Violating Facilities issued by the Environmental Protection Agency (EPA) pursuant to 40 CFR Part 15, as amended.
- B. Agreement by the Contractor to comply with all the requirements of Section 114 of the Clean Air Act, as amended, (42 USC 1857 c-8) and Section 308 of the Federal Water Pollution Control Act, as amended, (33 USC 1318) relating to inspection, monitoring, entry, reports and information, as well as all other requirements specified in said Section 114 and Section 308, and all regulations and guidelines issued there under.
- C. A stipulation that as a condition for the award of the contract, prompt notice will be given of any notification received from the Director, Office of Federal Activities, EPA, indicating that a facility utilized, or to be utilized for the contract, is under consideration to be listed on the EPA List of Violating Facilities.
- D. Agreement by the Contractor that he will include, or cause to be included, the criteria and requirements in paragraph (1) through (4) of this section in every nonexempt subcontract and requiring that the Contractor will take such action as the government may direct as a means of enforcing such provisions.

10. FLOOD DISASTER PROTECTION

This contract is subject to the requirements of the Flood Disaster Protection Act of 1973 (P.L. 93-234). Nothing included as a part of this contract is approved for acquisition or construction

purposes as defined under Section 3(a) of said Act, for use in an area identified by the Secretary of HUD as having special flood hazards which is located in a community not then in compliance with the requirements for participation in the National Flood Insurance Program pursuant to Section 201(d) of said Act; and the use of any assistance provided under this contract for such acquisition for construction in such identified areas in communities then participating in the National Flood Insurance Program shall be subject to the mandatory purchase of flood insurance requirements or Section 102(a) of said Act.

Any contract or agreement for the sale, lease, or other transfer of land acquired, cleared or improved with assistance provided under this Contract shall contain, if such land is located in an area identified by the Secretary as having special flood hazards and in which the sale of flood insurance has been made available under the National Flood Insurance Act of 1968, as amended, 42 U.S.C. 4001 et seq., provisions obligating the transferee and its successors or assigns to obtain and maintain, during the ownership of such land, such flood insurance as required with respect to financial assistance for acquisition or construction purposes under Section 102(a) of Flood Disaster Protection Act of 1973.

11. ACCESS TO RECORDS - MAINTENANCE OF RECORDS

The Commonwealth of Virginia, the Department of Housing and Urban Development, the Comptroller General of the United States, or any of their duly authorized representatives, shall have access to any books, documents, papers and records of the Contractor which are directly pertinent to this specific contract, for the purpose of audits, examinations, and making excerpts and transcriptions. All records connected with this contract will be maintained in a central location by the unit of local government and will be maintained for a period of five (5) years from the official date of the State's final closeout of the grant.

12. INSPECTION

The authorized representative and agents of the Commonwealth of Virginia and the Department of Housing and Urban Development shall be permitted to inspect all work, materials, payrolls, records of personnel, invoices of materials, and other relevant data and records.

13. REPORTING REQUIREMENTS

The Contractor shall complete and submit all reports, in such form and according to such schedule, as may be required by the Owner.

14. CONFLICT OF INTEREST

- A. No officer or employee of the local jurisdiction or its designees or agents, no member of the governing body, and no other public official of the locality who his/her tenure or for one year thereafter, shall have any interest, direct or indirect, in any contract or subcontract, or the proceeds thereof, for work to be performed. Further, the Contractor shall cause to be incorporated in all subcontracts the language set forth in this paragraph prohibiting conflict of interest.
- B. No member of or delegate to Congress, or Resident Commissioner, shall be admitted to any share or part of this contract or to any benefit that may arise therefrom, but this

provision shall not be construed to extend to this contract if made with a corporation for its general benefit.

15. ACTIVITIES AND CONTRACTS NOT SUBJECT TO EXECUTIVE ORDER 11246, AS AMENDED (applicable to contracts and subcontracts of \$10,000 and under)

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

- A. The Contractor shall not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The Contractor shall take affirmative action to ensure that applicants for employment are employed, and that employees are treated during employment, without regard to their race, color, religion, sex, or national origin. Such action 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.
- B. The Contractor shall post in conspicuous places, available to employees and applicants for employment, notices to be provided by Contracting Officer setting forth the provisions of this non-discrimination clause. The CONTRACTOR shall state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, or national origin.
- C. Contractors shall incorporate foregoing requirements in all subcontracts.

16. PATENTS

- A. The Contractor shall hold and save the Owner and its officers, agents, servants, and employees harmless from liability of any nature or kind, including cost and expenses for, or on account of any patented or unpatented invention, process, article, or appliance manufactured or used in the performance of the contract including its use by the Owner, unless otherwise specifically stipulated in the Contract Document.
- B. License or Royalty Fees: License and/or Royalty Fees for the use of a process which is authorized by the Owner of the project must be reasonable, and paid to the holder of the patent, or his authorized license, direct by the Owner and not by or through the Contractor.
- C. If the Contractor uses any design device or materials covered by letters, patent or copyright, he shall provide for such use by suitable agreement with the owner of such patented or copy-righted design device or material. It is mutually agreed and understood, that without exception the contract prices shall include all royalties or costs arising from the use of such design, device or materials, in any way involved in the work. The Contractor and/or his Sureties shall indemnify and save harmless the Owner of the project from any and all claims for infringement by reason of the use of such patented or copy-righted design, device or materials or any trademark or copy-right in connection with work agreed to be performed under this contract, and shall indemnify the Owner for any cost, expense, or damage which it may be obliged to pay by reason of such infringement at any time during the prosecution of the work or after completion of the work.

17. COPYRIGHT

No materials, to include but not limited to reports, maps, or documents produced as a result of this contract, in whole or in part, shall be available to the Contractor for copyright purposes. Any such materials produced as a result of this contract that might be subject to copyright shall be the property of the Owner and all such rights shall belong to the Owner.

18. TERMINATION FOR CAUSE

If, through any cause, the Contractor shall fail to fulfill in a timely and proper manner his obligations under this contract, or if the Contractor shall violate any of the covenants, agreements, or stipulations of this contract, the Owner shall thereupon have the right to terminate this contract by giving written notice to the Contractor of such termination and specifying the effective date thereof, at least thirty (30) days before the effective date of such termination. In such event, all finished or unfinished documents, data, studies, surveys, drawings, maps, models, photographs, and reports prepared by the Contractor under this contract shall, at the option of the Owner, become the Owner's property and the Contractor shall be entitled to receive just and equitable compensation for any work satisfactorily completed hereunder. Notwithstanding the above, the Contractor shall not be relieved of liability to the Owner for damages sustained by the Owner by virtue of any breach of the contract by the Contractor, and the Owner may withhold any payments to the Contractor for the purpose of set-off until such time as the exact amount of damages due the Owner from the Contractor is determined.

19. TERMINATION FOR CONVENIENCE

The Owner may terminate this contract at any time by giving at least thirty (30) days notice in writing to the Contractor. If the contract is terminated by the Owner as provided herein, the Contractor will be paid for the time provided and expenses incurred up to the termination date.

20. ENERGY EFFICIENCY

The Contractor shall comply with mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (Public Law 94-163).

21. SUBCONTRACTS

- A. The Contractor shall not enter into any subcontract with any Contractor who has been debarred, suspended, declared ineligible, or voluntarily excluded from participating in contracting programs by any agency of the United States Government or the Commonwealth of Virginia.
- B. The Contractor shall be as fully responsible to the Owner for the acts and omissions of the Contractor's Contractors, and of persons either directly or indirectly employed by them, as he is for the acts and omissions of persons directly employed by the Contractor.
- C. The Contractor shall cause appropriate provisions to be inserted in all subcontracts relative to the work to bind Contractor to the Contractor by the terms of the contract documents insofar as applicable to the work of Contractors and to give the Contractor the same power

as regards terminating any subcontract that the Owner may exercise over the Contractor under any provision of the contract documents.

- D. Nothing contained in this contract shall create any contractual relation between any Contractor and the Owner.

22. DEBARMENT, SUSPENSION, AND INELIGIBILITY

The Contractor represents and warrants that it and its Contractors are not debarred, suspended, or placed in ineligibility status under the provisions of 24 CFR 24 (government debarment and suspension regulations).

23. BREACH OF CONTRACT TERMS

Any violation or breach of terms of this contract on the part of the Contractor or the Contractor's Contractors may result in the suspension or termination of this contract or such other action that may be necessary to enforce the rights of the parties of this contract. The duties and obligations imposed by the contract documents and the rights and remedies available there under shall be in addition to and not a limitation of any duties, obligations, rights and remedies otherwise imposed or available by law.

24. PROVISIONS REQUIRED BY LAW DEEMED INSERTED

Each and every provision of law and clause required by law to be inserted in this contract shall be deemed to be inserted herein and the contract shall be read and enforced as though it were included herein, and if through mistake or otherwise any such provision is not inserted, or is not correctly inserted, then upon the application of either party the contract shall forthwith be physically amended to make such insertion or correction.

25. CHANGES

The Owner may, from time to time, request changes in the scope of the services of the Contractor to be performed hereunder. Such changes, including any increase or decrease in the amount of the Contractor's compensation which are mutually agreed upon by and between the Owner and the Contractor, shall be incorporated in written and executed amendments to this Contract.

26. PERSONNEL

The Contractor represents that it has, or will secure at its own expense, all personnel required in performing the services under this Contract. Such personnel shall not be employees of or have any contractual relationship with the Owner.

All the services required hereunder will be performed by the Contractor or under its supervision, and all personnel engaged in the work shall be fully qualified and shall be authorized or permitted under State and local law to perform such services.

No person who is serving sentence in a penal or correctional institution shall be employed on work under this Contract.

27. ANTI-KICKBACK RULES

Salaries of personnel performing work under this Contract shall be paid unconditionally and not less often than once a month without payroll deduction or rebate on any account except only such payroll deductions as are mandatory by law or permitted by the applicable regulations issued by the Secretary of Labor pursuant to the "Anti-Kickback Act" of June 13, 1934 (48 Stat. 948; 62 Stat. 740; 63 Stat. 108; Title 18 U.S.C. 874; and Title 40 U.S.C. 276c). The Contractor shall comply with all applicable "Anti-Kickback" regulations and shall insert appropriate provisions in all subcontracts covering work under this contract to insure compliance by the Contractors with such regulations, and shall be responsible for the submission of affidavits required of Contractors there under except as the Secretary of Labor may specifically provide for variations of or exemptions from the requirements thereof.

28. ASSIGNABILITY

The Contractor shall not assign any interest in this Contract, and shall not transfer any interest in the same (whether by assignment or novation) without prior written approval of the Owner provided that claims for money due or to become due the Contractor from the Owner under this Contract may be assigned to a bank, trust company, or other financial institution, or to a Trustee in Bankruptcy, without such approval. Notice of any such assignment or transfer shall be furnished promptly to the Owner.

29. INTEREST OF CONTRACTOR

The Contractor covenants that it presently has no interest and shall not acquire any interest direct or indirect in the above described project or any parcels therein or any other interest which would conflict in any manner or degree with the performance of his services hereunder. The Contractor further covenants that in the performance of this Contract no person having any such interest shall be employed.

30. POLITICAL ACTIVITY

The CONTRACTOR will comply with the provisions of the Hatch Act (5 U.S.C. 1501 et seq.), which limits the political activity of employees.

31. COMPLIANCE WITH THE OFFICE OF MANAGEMENT AND BUDGET

The parties agree to comply with the regulations, policies, guidelines, and requirements of the Office of Management and Budget, Circulars A-95, A-102, A-133, and A-54, as they relate to the use of Federal funds under this contract.

32. DISCRIMINATION DUE TO BELIEFS

No person with responsibilities in operation of the project to which this grant relates will discriminate with respect to any program participant or any applicant for participation in such program because of political affiliation or beliefs.

33. CONFIDENTIAL FINDINGS

All of the reports, information, data, etc., prepared or assembled by the Contractor under this Contract are confidential, and the Contractor agrees that they shall not be made available to any individual or organization without prior written approval of the Owner.

34. LOBBYING

The Contractor certifies, to the best of his or her knowledge and belief that:

1. No federally appropriated funds have been paid or will be paid, by or on behalf of the Contractor, to any person for influencing or attempting to influence an officer or employee of any agency, a member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with the awarding of any federal contract, the making of any federal grant, the making of any federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative agreement.
2. If any funds other than federally appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with this federal contract, grant, loan, or cooperative agreement, the Contractor shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

End of Page

EXHIBIT C RATES

CORE TEAM

Arcadis / Moffatt & Nichol	
Principal / Senior Advisor	\$275/hr
Senior Engineer / Scientist	\$225
Professional Scientist / Planner / Engineer IV	\$205
Professional Scientist / Engineer III	\$160
Professional Scientist / Engineer II	\$135
Professional Scientist / Engineer	\$120
Engineer Intern / CAD Technician	\$110
Administrative / Clerical	\$80

Waggoner & Ball

Principal	\$295/hr
Senior Architect	\$190
Architect	\$165
Senior Designer	\$150
Designer	\$120
Accounting	\$90
Clerical	\$75

SCAPE

Partner	\$360/hr
Principal	\$255
Senior Associate	\$210
Associate	\$160
Junior Designer	\$100- 140

WPA

Principal Architect	\$193/hr
Project Manager	\$165
Project Architect	\$165
Architectural Associate	\$110
Urban Designer / Planning Associate	\$110
Project Designer	\$138
Administrative	\$83

WPL

Principal Landscape Architect	\$202/hr
Senior Landscape Architect	\$180
Landscape Architect	\$155
Landscape Designer	\$106
Research Technician	\$85
Clerical	\$64

The Miles Agency

President	\$195/hr
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SPECIALISTS

Deltares	
Senior-Level Scientist	\$260/hr
Mid-Level Scientist	\$200
Junior-Level Scientist	\$155

McNeilan & Associates

Principal	\$230
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GET Solutions

- see separate rate schedule -

Precision Measurements, Inc.

- see separate rate schedule -

SENIOR ADVISORS

Marilyn Taylor (University of Pennsylvania)	\$2000/day
Piet Dircke (Arcadis)	-
Ray Gindroz (Urban Design Associates/WPA)	-
Paul Farmer (American Planning Association)	\$2000/day

RESOURCES

Alan Plattus (Yale Urban Design Workshop)	\$2000/day
Jaap van den Bout (Palmbout)	\$225
Jaap van der Salm (H+N+S)	\$185
Peter van Veelen (TU Delft)	\$1200/day
Dale Morris (Royal Netherlands Embassy)	\$1000/day
Walter Priest (Wetland Design and Restoration)	\$90

G E T Solutions, Inc.
Schedule of Services And Fees
Geotechnical Engineering & Construction Materials Testing Services
 Prepared for: City of Norfolk-Department of Public Works
 August 4, 2016

Item Description	Unit Fee
A. Drilling Services	
Mobilization of Drill Rig	\$ 600.00/LS
Standard Penetration Test Borings: 0 to 50 feet	\$ 14.00/LF
Standard Penetration Test Borings: 51 to 100 feet	\$ 16.00/LF
Field Engineer for Boring Location & Utility Clearing	\$ 75.00/Hr
Utility Location: 2-man Crew for Manual Excavation	\$ 140.00/Hr
Collect Shelby Tube Sample	\$ 125.00/each
Clearing for Boring Location Access	\$ 125.00/Hr
Traffic Control (signage, cones, 1 mile max)	\$ 600.00/Day
Traffic Control (Crash truck, signage, cones, 1 mile max)	\$1200.00/Day
Traffic Control (per .1 mile after the 1st mile)	\$100/0.1mile
Asphalt/Concrete Cores & Patches	\$ 5.00/in/in - \$ 150.00 Min. per site
Collect CBR Bulk Subgrade Sample	\$ 40.00/Hr
In-Situ Permeability Test	\$ 250.00/each
100°CPT probe with soil shear velocity testing (seismic class determination)	\$3400.00/LS
Shelby Tube Logging	\$125.00/each
B. Professional Services	
Principal Geotechnical Engineer, PE	\$ 105.00/Hr
Senior Geotechnical Engineer, PE	\$ 85.00/Hr
Project Geotechnical Engineer, EIT	\$ 75.00/Hr
Project Geologist	\$ 75.00/Hr
Geotechnical Inspector	\$ 70.00/Hr
Structural Steel Inspector	\$ 65.00/Hr
Fire Proofing Inspector	\$ 60.00/Hr
Senior Field Engineering Technician	\$ 50.00/Hr
Field Engineering Technician	\$ 38.00/Hr
Secretarial	\$ 40.00/Hr
CADD Technician	\$ 50.00/Hr
Certified Flaggers	\$ 45.00/Hr
C. Field & Laboratory Testing Services	
Field sampling & testing for soil and concrete air/slump/cubes/prisms/nuclear density	Technician time charged for these services
Moisture Content (ASTM D 2216)	\$ 10.00/each
Standard Proctor Test (ASTM D 698)	\$ 110.00/each
Modified Proctor Test (ASTM D 1157)	\$ 115.00/each
Sieve / Gradation Analysis (ASTM D 422)	\$ 65.00/each
Sieve Wash (-200, ASTM D 1140)	\$ 30.00/each
Hydrometer Test (ASTM D 422)	\$ 100.00/each
Atterberg Limits Test (ASTM D 4318)	\$ 65.00/each
Specific Gravity Test (ASTM D 854)	\$ 25.00/each
CBR Test (VTM-8): Including Proctor, Sieve, Limits, Natural Moisture	\$300.00/each
Concrete Cylinders/Mortar Cubes/Grout Prisms	\$ 10.00/each
Compression Test (ASTM C 39)	\$ 75.00/each
Asphalt Extraction Test (ASTM D 2172)	\$ 75.00/each
Asphalt Aggregate Gradation Test (ASTM D 136)	\$ 75.00/each
Asphalt Density (Bulk Specific Gravity) and Pavement Thickness Test (ASTM D 1188)	\$ 50.00/each
Consolidation Test (ASTM 2435)	\$550.00/each
Unconfined Compression Testing (ASTM D 2166)	\$100.00/each
Triaxial Test (ASTM D 2850)	\$250.00/each Point
Laboratory Permeability Test (Constant Head or Falling Head Methods)	\$250.00/each
PDA (Pile Driving Analyzer)	\$1250.00/Day
CAPWAP Analysis	\$250.00/each
Chloride Penetration Tests (ASTM 1202 or VTM 112)	\$125.00/each
D. Reimbursable	
Mileage	\$ 0.54/MI
Subcontractors Services	Cost + 15%

Consultant Fee Proposal

Precision Measurements, Inc Rate Schedule

<u>Employee Classification</u>	<u>Billing Rate per Hour</u>
Project Manager	\$ 131.00
Senior Surveyor	\$ 110.00
Field Coordinator	\$ 83.50
Survey Technician	\$ 82.00
2-Person Survey Crew	\$ 136.00
*3-Person Survey Crew	\$ 153.00
**Hydrographic Survey Crew	\$ 325.00
3D High Definition Scanning Crew	\$ 311.00
Scanner Technician	\$ 90.00
Clerical	\$ 47.00

*3-Person Survey Crew is required for all areas of increased risk including but not limited to: Wooded areas, Wetlands, Shorelines, Heavy Traffic Areas, Manhole Surveys

**The Hydrographic Survey Crew rate includes the eco-sounder, software, and survey vessel.

Direct Costs

Easement Plats	\$ 1,200.00/plat
Photo Copies	
Legal, Letter, Tabloid	\$ 0.25/per sheet
Plotting	
24"x 36" bond	\$ 10.00/per sheet
24" x 36" mylar	\$ 39.00/per sheet


AIA® Document A201™ – 2007
General Conditions of the Contract for Construction

for the following PROJECT:

(Name and location or address)

National Disaster Resilience Competition (NDRC) - Ohio Creek - Design Services

THE CITY OF NORFOLK, a municipal corporation of the Commonwealth of Virginia,

hereinafter called the "City" or the OWNER:

(Name, legal status and address)

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

THE ARCHITECT:

(Name, legal status and address)

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- 13 MISCELLANEOUS PROVISIONS
- 14 TERMINATION OR SUSPENSION OF THE CONTRACT
- 15 CLAIMS AND DISPUTES

Init.

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User Notes:

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ARTICLE 1 GENERAL PROVISIONS

§ 1.1 BASIC DEFINITIONS

§ 1.1.1 THE CONTRACT DOCUMENTS

The Contract Documents are enumerated in the Agreement between the Owner and Contractor (hereinafter the Agreement) and consist of the Agreement, Conditions of the Contract (General, Supplementary and other Conditions), Drawings, Specifications, Addenda issued prior to execution of the Contract, other documents listed in the Agreement and Modifications issued after execution of the Contract. 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. Unless specifically enumerated in the Agreement, the Contract Documents do not include the advertisement or invitation to bid, Instructions to Bidders, sample forms, other information furnished by the Owner in anticipation of receiving bids or proposals, the Contractor's bid or proposal, or portions of Addenda relating to bidding requirements.

§ 1.1.2 THE CONTRACT

The Contract Documents form the Contract for Construction. The Contract represents the entire and integrated agreement between the parties hereto and supersedes prior negotiations, representations or agreements, either written or oral. The Contract may be amended or modified only by a Modification. The Contract Documents shall not be construed to create a contractual relationship of any kind (1) between the Contractor and the Architect or the Architect's consultants, (2) between the Owner and a Subcontractor or a Sub-subcontractor, (3) between the Owner and the Architect or the Architect's consultants or (4) between any persons or entities other than the Owner and the Contractor. The Architect shall, however, be entitled to performance and enforcement of obligations under the Contract intended to facilitate performance of the Architect's duties.

§ 1.1.3 THE WORK

The term "Work" means the construction and services required by the Contract Documents, whether completed or partially completed, and includes all other labor, materials, equipment and services provided or to be provided by the Contractor to fulfill the Contractor's obligations. The Work may constitute the whole or a part of the Project.

§ 1.1.4 THE PROJECT

The Project is the total construction of which the Work performed under the Contract Documents may be the whole or a part and which may include construction by the Owner and by separate contractors.

§ 1.1.5 THE DRAWINGS

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

§ 1.1.6 THE SPECIFICATIONS

The Specifications are that portion of the Contract Documents consisting of the written requirements for materials, equipment, systems, standards and workmanship for the Work, and performance of related services.

§ 1.1.7 INSTRUMENTS OF SERVICE

Instruments of Service are representations, in any medium of expression now known or later developed, of the tangible and intangible creative work performed by the Architect and the Architect's consultants under their respective professional services agreements. Instruments of Service may include, without limitation, studies, surveys, models, sketches, drawings, specifications, and other similar materials.

§ 1.1.8 INITIAL DECISION MAKER

The Initial Decision Maker is the person identified in the Agreement to render initial decisions on Claims in accordance with Section 15.2 and certify termination of the Agreement under Section 14.2.2.

§ 1.2 CORRELATION AND INTENT OF THE CONTRACT DOCUMENTS

§ 1.2.1 The intent of the Contract Documents is to include all items necessary for the proper execution and completion of the Work by the Contractor. The Contract Documents are complementary, and what is required by one shall be as binding as if required by all; performance by the Contractor shall be required only to the extent consistent with the Contract Documents and reasonably inferable from them ~~as being necessary to produce the indicated results or from prevailing custom or trade usage as being required to produce the intended result whether or not specifically called for at no additional cost to the Owner.~~

§ 1.2.1.1 Should any conflict be found in the Contract Documents, the Architect/Engineer shall interpret or construe the Contract Documents so as to secure the most substantial and complete performance of the Work. In other words the better quality or great quantity of work shall be provided in accordance with the Architect/Engineer's interpretation. The Architect/Engineer's decision in this matter shall be final.

§ 1.2.2 Organization of the Specifications into divisions, sections and articles, and arrangement of Drawings shall not control the Contractor in dividing the Work among Subcontractors or in establishing the extent of Work to be performed by any trade.

§ 1.2.3 Unless otherwise stated in the Contract Documents, words that have well-known technical or construction industry meanings are used in the Contract Documents in accordance with such recognized meanings.

§ 1.2.4 Wherever in the Contract Documents the words "as approved", "as directed", "as required", "acceptable", "satisfactory" and words of like import are used with references to the Work or its performance, and without further qualification, it shall mean as approved, as directed, as required by the Architect/Engineer and acceptable.

§ 1.2.5 The general character of the detailed work is shown on the Drawings, but minor modifications may be made on the shop drawings or mock-ups. Any details shall be worked out in relation to their location and their connection to other parts of the Work. Where on any drawings a portion of the Work is drawn out and the remainder is indicated in outline, the parts drawn out also apply to all other like portions of the Work. Where details or conditions are indicated but started only, such details or conditions shall be continued throughout the courses or parts in which they occur and shall also apply to all other similar parts in the Work unless otherwise indicated or specifically noted.

§ 1.3 CAPITALIZATION

Terms capitalized in these General Conditions include those that are (1) specifically defined, (2) the titles of numbered articles or (3) the titles of other documents published by the American Institute of Architects.

§ 1.4 INTERPRETATION

In the interest of brevity the Contract Documents frequently omit modifying words such as "all" and "any" and articles such as "the" and "an," but the fact that a modifier or an article is absent from one statement and appears in another is not intended to affect the interpretation of either statement. Wherever the term "Architect" appears in this Agreement, it shall mean either Architect or Engineer.

§ 1.5 OWNERSHIP AND USE OF DRAWINGS, SPECIFICATIONS AND OTHER INSTRUMENTS OF SERVICE

§ 1.5.1 The drawings, specifications and other documents, including those in electronic form, prepared by the Architect and the Architect's consultants are Instruments of Service through which the Work is to be executed by the Contractor as described. The Contractor may retain one record set. Neither the Contractor nor any Subcontractor, Sub-subcontractor or material or equipment supplier shall own or claim a copyright in the drawings, specifications and other documents prepared by the Architect or the Architect's consultants, and unless otherwise indicated the Architect and the Architect's consultants shall be deemed the authors and owners of their respective Instruments of Service, including the Drawings and Specifications, them, and will retain all common law, statutory and other reserved rights, including copyrights, in addition to the copyrights. All copies of Instruments of Service, except the Contractor's record set, shall be returned or suitably accounted for to the Architect, on request, upon completion of the Work. The drawings, specifications and other documents prepared by the Architect and the Architect's consultants, and copies thereof furnished to the Contractor, are for use solely with respect to this Project. As such, the City is hereby declared sole-owner of these documents in regards to this Project and will abide by the limitations described in Subparagraph 1.5.1. They are not to be used by the Contractor or any Subcontractor, Sub-subcontractor or material or equipment supplier on other projects or for projects or for additions to this Project outside the scope of the Work without the specific written consent of the Owner, Architect and the Architect's consultants. The Contractor, Subcontractors, Sub-subcontractors, and material or equipment suppliers shall not own or claim a copyright in the Instruments of Service. are authorized to use and reproduce applicable portions of the drawings, specifications and other documents prepared by the Architect and the Architect's consultants appropriate to an for use in the execution of their Work under the Contract Documents. All copies made under this authorization shall bear the statutory copyright notice, if any, shown on the drawings, specifications and other documents prepared by the Architect and the Architect's consultants. Submittal or distribution to meet official

regulatory requirements or for other purposes in connection with this Project is not to be construed as publication in derogation of the Architect's or Architect's consultants' reserved rights.

~~§ 1.5.2 The Contractor, Subcontractors, Sub-subcontractors and material or equipment suppliers are authorized to use and reproduce the Instruments of Service provided to them solely and exclusively for execution of the Work. All copies made under this authorization shall bear the copyright notice, if any, shown on the Instruments of Service. The Contractor, Subcontractors, Sub-subcontractors, and material or equipment suppliers may not use the Instruments of Service on other projects or for additions to this Project outside the scope of the Work without the specific written consent of the Owner, Architect and the Architect's consultants.~~

§ 1.5.2. Intentionally Omitted

§ 1.6 TRANSMISSION OF DATA IN DIGITAL FORM

If the parties intend to transmit Instruments of Service or any other information or documentation in digital form, they shall endeavor to establish necessary protocols governing such transmissions, unless otherwise already provided in the Agreement or the Contract Documents.

ARTICLE 2 OWNER

§ 2.1 GENERAL

~~§ 2.1.1 The Owner is the person or entity identified as such in the Agreement and is referred to throughout the Contract Documents as if singular in number. The Owner shall designate in writing a representative who shall have express authority to bind the Owner with respect to all matters requiring the Owner's approval or authorization. Except as otherwise provided in Section 4.2.1, the Architect does not have such authority. The term "Owner" means the Owner or the Owner's authorized representative.~~

§ 2.1.1. Intentionally Omitted

§ 2.1.2 The Owner shall furnish to the Contractor within fifteen days after receipt of a written request, information necessary and relevant for the Contractor to evaluate, give notice of or enforce mechanic's lien rights. Such information shall include a correct statement of the record legal title to the property on which the Project is located, usually referred to as the site, and the Owner's interest therein. Unless otherwise specified, the following applies:

a. Water line taps, construction of pits for water taps and meter, and restoration of the area to its original condition shall be performed by the Contractor at its expense. Only new water meters shall be installed by City forces at the expense of project sponsor (i.e. the City or private developer). All the aforementioned shall be coordinated by the Contractor.

b. Sanitary taps and cleanouts shall be done by the Contractor or its Subcontractor at the Contractor's expense. HRSD tap fees will be paid by the Owner.

c. For gas and electrical work and associated meter installations, the Contractor shall be responsible for complete coordination of work with utilities, including provision of all necessary labor, equipment, and materials as required in the Contract Documents as well as payment of all resulting costs to aforesaid Work.

d. For telephone and cables, the Contractor shall be responsible for coordination of telephone trunk lines and cable installation with telephone/television company to the "point of penetration" to the facility, including provision of all necessary labor, equipment, and materials as required in the Contract Documents as well as payment of resulting costs to all aforesaid work.

§ 2.2 INFORMATION AND SERVICES REQUIRED OF THE OWNER

§ 2.2.1 Prior to commencement of the Work, the Contractor may request in writing that the Owner provide reasonable evidence that the Owner has made financial arrangements to fulfill the Owner's obligations under the Contract. Thereafter, the Contractor may only request such evidence if (1) the Owner fails to make payments to the Contractor as the Contract Documents require; (2) a change in the Work materially changes the Contract Sum; or (3) the Contractor identifies in writing a reasonable concern regarding the Owner's ability to make payment when due. The Owner shall furnish such evidence as a condition precedent to commencement or continuation of the Work or

the portion of the Work affected by a material change. After the Owner furnishes the evidence, the Owner shall not materially vary such financial arrangements without prior notice to the Contractor.

§ 2.2.2 Except for permits and fees that are the responsibility of the Contractor under the Contract Documents, including those required under Section 3.7.1, the Owner shall secure and pay for necessary approvals, easements, assessments and charges required for construction, use or occupancy of permanent structures or for permanent changes in existing facilities.

§ 2.2.3 The Owner shall furnish surveys describing physical characteristics, legal limitations and utility locations for the site of the Project, and a legal description of the site. The Contractor shall be entitled to rely on the accuracy of information furnished by the Owner, subject to Subparagraph 3.7.4, but shall exercise proper precautions relating to the safe performance of the Work.

§ 2.2.3.1 The Contractor shall be responsible for protecting pins, stakes, marks, hubs, and control points. Replacement of damaged or destroyed pins, stakes, marks, hubs or control points shall be conducted under the supervision of surveyor licensed in the Commonwealth of Virginia, if required by the City, and at the Contractor's expense. The Contractor shall coordinate with the Survey Division of the Department of Public Works (664-4645) prior to resetting of points and shall provide certified documentation to include the reference/recovery sheet with swing ties for new benchmarks.

§ 2.2.4 The Owner shall furnish information or services required of the Owner by the Contract Documents with reasonable promptness. The Owner shall also furnish any other information or services under the Owner's control and relevant to the Contractor's performance of the Work with reasonable promptness after receiving the Contractor's written request for such information or services.

§ 2.2.5 Unless otherwise provided in the Contract Documents, the Owner shall furnish to the Contractor one copy of the Contract Documents for purposes of making reproductions pursuant to Section 1.5.2.(1) CD containing the drawings, specifications, and addendums, in PDF format, free of charge.

§ 2.3 OWNER'S RIGHT TO STOP THE WORK

If the Contractor fails to correct Work that is not in accordance with the requirements of the Contract Documents as required by Section 12.2 or repeatedly fails to carry out Work in accordance with the Contract Documents, the Owner may issue a written order to the Contractor to stop the Work, or any portion thereof, until the cause for such order has been eliminated; however, the right of the Owner to stop the Work shall not give rise to a duty on the part of the Owner to exercise this right for the benefit of the Contractor or any other person or entity, except to the extent required by Section 6.1.3.

§ 2.4 OWNER'S RIGHT TO CARRY OUT THE WORK

If the Contractor defaults or neglects to carry out the Work in accordance with the Contract Documents and fails within a ten-day period after receipt of written notice from the Owner to commence and continue correction of such default or neglect with diligence and promptness, the Owner may, without prejudice to other remedies the Owner may have, correct such deficiencies. In such case an appropriate Change Order shall be issued deducting from payments then or thereafter due the Contractor the reasonable cost of correcting such deficiencies, including Owner's expenses and compensation for the Architect's additional services made necessary by such default, neglect or failure. ~~Such action by the Owner and amounts charged to the Contractor are both subject to prior approval of the Architect.~~ ~~failure.~~ If payments then or thereafter due the Contractor are not sufficient to cover such amounts, the Contractor shall pay the difference to the Owner.

ARTICLE 3 CONTRACTOR

§ 3.1 GENERAL

§ 3.1.1 The Contractor is the person or entity identified as such in the Agreement and is referred to throughout the Contract Documents as if singular in number. The Contractor shall be lawfully licensed, if required in the jurisdiction where the Project is located. The Contractor shall designate in writing a representative who shall have express authority to bind the Contractor with respect to all matters under this Contract. The term "Contractor" means the Contractor or the Contractor's authorized representative.

§ 3.1.2 The Contractor shall perform the Work in accordance with the Contract Documents.

§ 3.1.3 The Contractor shall not be relieved of obligations to perform the Work in accordance with the Contract Documents either by activities or duties of the Architect in the Architect's administration of the Contract, or by tests, inspections or approvals required or performed by persons or entities other than the Contractor.

§ 3.2 REVIEW OF CONTRACT DOCUMENTS AND FIELD CONDITIONS BY CONTRACTOR

§ 3.2.1 Execution of the Contract by the Contractor is a representation that the Contractor has visited the site, become generally familiar with local conditions under which the Work is to be performed and correlated personal observations with requirements of the Contract Documents.

§ 3.2.2 Because the Contract Documents are complementary, the Contractor shall, before starting each portion of the Work, carefully study and compare the various Contract Documents relative to that portion of the Work, as well as the information furnished by the Owner pursuant to Section 2.2.3, shall take field measurements of any existing conditions related to that portion of the Work, and shall observe any conditions at the site affecting it. These obligations are for the purpose of facilitating coordination and construction by the Contractor and are not for the purpose of discovering errors, omissions, or inconsistencies in the Contract Documents; however, the Contractor shall promptly report to the Architect any errors, inconsistencies or omissions discovered by or made known to the Contractor as a request for information in such form as the Architect may require. It is recognized that the Contractor's review is made in the Contractor's capacity as a contractor and not as a licensed design professional, unless otherwise specifically provided in the Contract Documents. Any failure by the Contractor to acquaint himself with such information shall not relieve him from the responsibility for successfully performing the Work.

.1 Dimensions of Work shall not be determined by scale or rule, but figured dimensions shall be used at all times.

.2 The Contractor shall verify all dimensions by measurement at the jobsite, and shall take any and all other measurements necessary to verify the drawings and to properly layout the Work.

.3 The study of the Contract Documents by the Contractor shall be made sufficiently in advance of the actual layout of the work so as to allow the Contract Documents to be interpreted or modified by the Architect.

§ 3.2.3 The Contractor is not required to ascertain that the Contract Documents are in accordance with applicable laws, statutes, ordinances, codes, rules and regulations, or lawful orders of public authorities, but the Contractor shall promptly report to the Architect any nonconformity discovered by or made known to the Contractor as a request for information in such form as the Architect may require.

§ 3.2.4 If the Contractor believes that additional cost or time is involved because of clarifications or instructions issued by the Architect in response to the Contractor's notices or requests for information pursuant to Sections 3.2.2 or 3.2.3, the Contractor shall make Claims as provided in Article 15. If the Contractor fails to perform the obligations of Sections 3.2.2 or 3.2.3, the Contractor shall pay such costs and damages to the Owner as would have been avoided if the Contractor had performed such obligations. If the Contractor performs those obligations, the Contractor shall not be liable to the Owner or Architect for damages resulting from errors, inconsistencies or omissions in the Contract Documents, or for differences between field measurements or conditions and the Contract Documents, or for nonconformities of the Contract Documents to applicable laws, statutes, ordinances, codes, rules and regulations, and lawful orders of public authorities. Documents unless the Contractor recognized such error, inconsistency, omission or difference and knowingly failed to report it to the Architect.

§ 3.3 SUPERVISION AND CONSTRUCTION PROCEDURES

§ 3.3.1 The Contractor shall supervise and direct the Work, using the Contractor's best skill and attention. The Contractor shall be solely responsible for, and have control over, construction means, methods, techniques, sequences and procedures and for coordinating all portions of the Work under the Contract, unless the Contract Documents give other specific instructions concerning these matters. If the Contract Documents give specific instructions concerning construction means, methods, techniques, sequences or procedures, the Contractor shall evaluate the jobsite safety thereof and, except as stated below, shall be fully and solely responsible for the jobsite safety of such means, methods, techniques, sequences or procedures. If the Contractor determines that such means, methods, techniques, sequences or procedures may not be safe, the Contractor shall give timely written notice to the

Owner and Architect and shall not proceed with that portion of the Work without further written instructions from the Architect. If the Contractor is then instructed to proceed with the required means, methods, techniques, sequences or procedures without acceptance of changes proposed by the Contractor, the Owner shall be solely responsible for any loss or damage arising solely from those Owner-required means, methods, techniques, sequences or procedures.

§ 3.3.2 The Contractor shall be responsible to the Owner for acts and omissions of the Contractor's employees, Subcontractors and their agents and employees, and other persons or entities performing portions of the Work for, or on behalf of, the Contractor or any of its Subcontractors.

§ 3.3.3 The Contractor shall be responsible for inspection of portions of Work already performed to determine that such portions are in proper condition to receive subsequent Work.

§ 3.4 LABOR AND MATERIALS

§ 3.4.1 Unless otherwise provided in the Contract Documents, the Contractor shall provide and pay for labor, materials, equipment, tools, construction equipment and machinery, water, heat, utilities, transportation, and other facilities and services necessary for proper execution and completion of the Work, whether temporary or permanent and whether or not incorporated or to be incorporated in the Work.

§ 3.4.2 Except in the case of minor changes in the Work authorized by the Architect in accordance with Sections 3.12.8 or 7.4, the Contractor may make substitutions only with the consent of the Owner, after evaluation by the Architect and in accordance with a Change Order or Construction Change Directive.

a. Substituted Materials. Request for approval of any substituted material and equipment for those specified or shown on the drawings shall be made in writing to the Engineer within 30 days after award of the Contract. If this request is not submitted, the Engineer reserves the right to have the Contractor furnish the material and equipment definitely specified or shown on the plans. The Contractor shall show, in writing, the monetary savings, improvement in quality, time savings, and other factors to be gained from the proposed substitute. Approval of substitute materials and equipment will be at the sole discretion of the Engineer.

b. Or Equal. It is not the intent of these specifications to exclude or omit products or any responsible manufacturer, if said products are equal in every respect to those mentioned herein. Whenever an article, or any class of materials is specified by trade name or byname of any particular patentee, manufacturer or dealer, it shall be taken as intending to mean equal thereto in quality, finish, size, durability and equally as serviceable for the purpose for which it is or they intended. Request for approval of any "equal" material or product for those specified or shown on the drawings shall be made in writing to the Engineer within 30 days after award of the Contract. If this request is not submitted, the Engineer reserves the right to have the Contractor furnish the material and products definitely specified and shown on the plans. The Contractor shall show, in writing, that the material or product being proposed is equal in every respect to that specified and shall provide all necessary supporting documentation requested by the Engineer. The quality shall be determined by the Engineer, and he alone shall be sole judge as to what materials or services will be accepted as equal. No substitution of materials, methods or services specified shall be made without written approval from the Engineer.

c. Materials and Equipment Manufacturer's Recommendation. All materials, equipment or other items specified by trade or manufacturer's name shall be handled, installed, erected or connected in strict conformity with the manufacturer's recommendations and/or specifications. By making requests for substitutions, the Contractor:

1. Represents that the Contractor has personally investigated the proposed substitute product and determined that it is equal or superior in all respects to that specified;

2. Represents that the Contractor will provide the same warranty for the substitution that the Contractor would for that specified;

3. Certifies that the cost data presented is complete and includes all related costs under this Contract except the Architect's redesign costs, and waives all claims for additional costs and time extensions related to the substitution which may subsequently become apparent; and

4. Will coordinate the installation of the accepted substitute, making such changes as may be required for the Work to be complete in all respects.

§ 3.4.3 The Contractor shall enforce strict discipline and good order among the Contractor's employees and other persons carrying out the Work. The Contractor shall not permit employment of unfit persons or persons not properly skilled in tasks assigned to them.

§ 3.5 WARRANTY

The Contractor warrants to the Owner and Architect that materials and equipment furnished under the Contract will be of good quality and new unless the Contract Documents require or permit otherwise. The Contractor further warrants that the Work will conform to the requirements of the Contract Documents and will be free from defects, except for those inherent in the quality of the Work the Contract Documents require or permit. Work, materials, or equipment not conforming to these requirements may be considered defective. The Contractor's warranty excludes remedy for damage or defect caused by abuse, alterations to the Work not executed by the Contractor, improper or insufficient maintenance, improper operation, or normal wear and tear and normal usage. If required by the Architect, the Contractor shall furnish satisfactory evidence as to the kind and quality of materials and equipment.

§ 3.6 TAXES

The Contractor shall pay sales, consumer, use and similar taxes for the Work provided by the Contractor that are legally enacted when bids are received or negotiations concluded, whether or not yet effective or merely scheduled to go into effect.

§ 3.7 PERMITS, FEES, NOTICES AND COMPLIANCE WITH LAWS

§ 3.7.1 Unless otherwise provided in the Contract Documents, the Contractor shall secure and pay for the building permit as well as for other permits, fees, licenses, and inspections by government agencies necessary for proper execution and completion of the Work that are customarily secured after execution of the Contract and legally required at the time bids are received or negotiations concluded. The Contractor shall be advised that there is NO permit fee for new construction, additions, etc. for CITY-OWNED BUILDINGS. Before final payment is made on the Project, Contractor shall demonstrate that the necessary inspections, certificates of occupancy, clearance, and/or acceptance from the City, State, Federal, and/or private entities/organizations such as from the City's Building Official, Corps of Engineers, Department of Environmental Quality, etc. have been obtained.

§ 3.7.2 The Contractor shall comply with and give notices required by applicable laws, statutes, ordinances, codes, rules and regulations, and lawful orders of public authorities applicable to performance of the Work.

§ 3.7.3 If the Contractor performs Work knowing it to be contrary to applicable laws, statutes, ordinances, codes, rules and regulations, or lawful orders of public authorities, the Contractor shall assume appropriate responsibility for such Work and shall bear the costs attributable to correction.

§ 3.7.4 **Concealed or Unknown Conditions.** If the Contractor encounters conditions at the site that are (1) subsurface or otherwise concealed physical conditions that differ materially from those indicated in the Contract Documents or (2) unknown physical conditions of an unusual nature, that differ materially from those ordinarily found to exist and generally recognized as inherent in construction activities of the character provided for in the Contract Documents, the Contractor shall promptly provide notice to the Owner and the Architect before conditions are disturbed ~~and in no event later than 21 days after first observance of the conditions, disturbed, Contractor shall not disturb such condition or perform any Work in connection therewith (except as aforesaid) until receipt of written order to do so "except in an emergency as required by Paragraph 10.4.~~ The Architect will promptly investigate such conditions and, if the Architect determines that they differ materially and cause an increase or decrease in the Contractor's cost of, or time required for, performance of any part of the Work, will recommend an equitable adjustment in the Contract Sum or Contract Time, or both. If the Architect determines that the conditions at the site are not materially different from those indicated in the Contract Documents and that no change in the terms of the Contract is justified, the Architect shall promptly notify the Owner and Contractor in writing, stating the reasons. With respect to unforeseen Work that is paid on a Unit Price Basis, any adjustment in quantity and Contract price will be determined by the Architect/Engineer subject to the provisions of Subparagraph 15.1.5.3. Architect/Engineer will review with the Contractor the Architect/Engineer's preliminary determinations on such matters before rendering a written decision thereon (by recommendation of an Application for Payment or

otherwise. If either party disputes the Architect's determination or recommendation, that party may proceed as provided in Article 15.

§3.7.4.1 Possible Price and Times Adjustments. Contractor shall not be entitled to any adjustment in the Contract Price or Contract Terms if:

a. Contractor knew of the existence of such conditions at the time Contractor made a final commitment to Owner in respect to Contract price and Contract times by the submission of a Bid or becoming bound under a negotiated Contract; or

b. The existence of such condition could reasonably have been discovered or revealed as a result of examination, investigation, exploration, test, or study of the Site and contiguous areas required by the bidding requirements or Contract Documents to be conducted by or for Contractor prior to Contractor's making such final commitment, or

c. Contractor failed to give written notice within the time and as required by Subparagraph 3.7.4.

§ 3.7.4.2 Subsurface and Physical Conditions. The Contract Documents identify:

a. Those reports of explorations and tests of subsurface conditions at or contiguous to the Site that the Architect/Engineer has used in preparing the Contract Documents.

b. Those drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the Site that the Architect/Engineer has used in preparing the Contract Documents.

§ 3.7.4.3 Limited Reliance by Contractor on Technical Data Authorized. Contractor may rely upon the accuracy of the "technical data" contained in such reports and drawings, but such reports and drawings are not Contract Documents. Such "technical data", if any, shall be identified in Supplementary General Conditions. Contractor may not rely upon or make any claim against Owner, Architect/Engineer, or any of the Architect/Engineer's consultants with respect to:

a. The completeness of such reports and drawings for Contractor's purposes, including, but not limited to, any aspects of the means, methods, techniques, sequences, and procedures of construction to be employed by the Contractor, and safety precautions and programs incident thereto; or

b. Any Contractor interpretation of or conclusion drawing from any "technical data" or any such data, interpretations, opinions, or information.

§ 3.7.5 If, in the course of the Work, the Contractor encounters human remains or recognizes the existence of burial markers, archaeological sites or wetlands not indicated in the Contract Documents, the Contractor shall immediately suspend any operations that would affect them and shall notify the Owner and Architect. Upon receipt of such notice, the Owner shall promptly take any action necessary to obtain governmental authorization required to resume the operations. The Contractor shall continue to suspend such operations until otherwise instructed by the Owner but shall continue with all other operations that do not affect those remains or features. Requests for adjustments in the Contract Sum and Contract Time arising from the existence of such remains or features may be made as provided in Article 15.

§ 3.8 ALLOWANCES

§ 3.8.1 The Contractor shall include in the Contract Sum all allowances stated in the Contract Documents. Items covered by allowances shall be supplied for such amounts and by such persons or entities as the Owner may direct, but the Contractor shall not be required to employ persons or entities to whom the Contractor has reasonable objection.

§ 3.8.2 Unless otherwise provided in the Contract Documents,

- .1 Allowances shall cover the cost to the Contractor of materials and equipment delivered at the site and all required taxes, less applicable trade discounts;

- 2 Contractor's costs for unloading and handling at the site, labor, installation costs, overhead, profit and other expenses contemplated for stated allowance amounts shall be included in the Contract Sum but not in the allowances; and
- 3 Whenever costs are more than or less than allowances, the Contract Sum shall be adjusted accordingly by Change Order. The amount of the Change Order shall reflect (1) the difference between actual costs and the allowances under Section 3.8.2.1 and (2) changes in Contractor's costs under Section 3.8.2.2. The Contractor shall attach with monthly invoices the original copy of sales invoices/receipts for materials or equipment that are covered under allowances.

§ 3.8.3 Materials and equipment under an allowance shall be selected by the Owner ~~with reasonable promptness in~~ sufficient time to avoid delay in the Work.

§ 3.9 SUPERINTENDENT

§ 3.9.1 The Contractor shall employ a competent superintendent and necessary assistants who shall be in attendance at the Project site during performance of the Work. The superintendent shall represent the Contractor, and communications given to the superintendent shall be as binding as if given to the Contractor. Important communications shall be confirmed in writing. Other communications shall be similarly confirmed on written request in each case.

1. The superintendent shall not be changed except with the consent of the Owner, unless the superintendent ceases to be in the Contractor's employ.

§ 3.9.2 The Contractor, as soon as practicable after award of the Contract, and prior to mobilization or proceeding with any work on site, shall furnish in writing to the Owner through the Architect the name and qualifications of a proposed superintendent. The Architect may reply within 14 days to the Contractor in writing stating (1) whether the Owner or the Architect has reasonable objection to the proposed superintendent or (2) that the Architect requires additional time to review. Failure of the Architect to reply within the 14 day period shall constitute notice of no reasonable objection.

§ 3.9.3 The Contractor shall not employ a proposed superintendent to whom the Owner or Architect has made reasonable and timely objection. The Contractor shall not change the superintendent without the Owner's consent, which shall not unreasonably be withheld or delayed.

§ 3.9.4 A qualified General Superintendent shall be present on the project site whenever work is being performed, unless otherwise authorized in writing by the Owner. The Contractor shall notify the Owner whenever the superintendent will be absent for four hours or more. This notification shall include the name of the designated substitute. Any substitute shall be familiar with the project and have the same authority of the primary superintendent. Verbal notification is acceptable for periods less than one full workday.

1. The qualified General Superintendent shall remain on site each day throughout all work days whenever contract work is performed through the punch list period and until all punch list items are complete. Lack of supervision shall constitute a reduction in the Contract Amount of General Conditions, Supervision, or other category which solely represents as the General Contractor's work responsibility, in the amount of \$250.00 per day, or any portion of a day, based on the amount indicated.

§ 3.9.5 The superintendent shall serve as a day to day point of contact on the Project for the Owner and shall, as a minimum, have the authority to:

1. Act on behalf of the Contractor;
2. Direct the work of Subcontractors;
3. Respond to directed changes in the schedule;
4. Provide detailed updates to and respond to inquiries from the Owner on the progress of the work;
5. Act upon verbal and written notification of non-conforming work/

6. Respond to any complaints regarding the conduct or actions of any employee of the Contractor or any Subcontractor.

§ 3.10 CONTRACTOR'S CONSTRUCTION SCHEDULES

§ 3.10.1 The Contractor, promptly after being awarded the Contract, shall prepare and submit for the Owner's and Architect's information a Contractor's construction schedule for the Work. At the Pre-Construction Meeting, the Contractor shall submit to the Engineer for its timely review a preliminary construction schedule indicating the times (number of days or dates) for starting and completing the various stages of the Work. The schedule shall not exceed time limits current under the Contract Documents, shall be revised at appropriate intervals as required by the conditions of the Work and Project, shall be related to the entire Project to the extent required by the Contract Documents, and shall provide for expeditious and practicable execution of the Work.

1. The progress schedule shall be in the form of a bar graph and shall identify each major or critical activity. The progress schedule shall be updated monthly. Five (5) copies of the updated progress schedule shall be submitted with each Application for Payment.

§ 3.10.2 The Contractor shall prepare a submittal schedule, promptly after being awarded the Contract and thereafter as necessary to maintain a current submittal schedule, and shall submit the schedule(s) for the Architect's approval. The Architect's approval shall not unreasonably be delayed or withheld. The submittal schedule shall (1) be coordinated with the Contractor's construction schedule, and (2) allow the Architect reasonable time to review submittals. If the Contractor fails to submit a submittal schedule, the Contractor shall not be entitled to any increase in Contract Sum or extension of Contract Time based on the time required for review of submittals.

§ 3.10.3 The Contractor shall perform the Work in general accordance with the most recent schedules submitted to the Owner and Architect.

§ 3.11 DOCUMENTS AND SAMPLES AT THE SITE

The Contractor shall maintain at the site for the Owner one copy of the Drawings, Specifications, Addenda, Change Orders and other Modifications, in good order and marked currently to indicate field changes and selections made during construction, and one copy of approved Shop Drawings, Product Data, Samples and similar required submittals. These shall be available to the Architect and shall be delivered to the Architect for submittal to the Owner upon completion of the Work as a record of the Work as constructed.

§ 3.12 SHOP DRAWINGS, PRODUCT DATA AND SAMPLES

§ 3.12.1 Shop Drawings are drawings, diagrams, schedules and other data specially prepared for the Work by the Contractor or a Subcontractor, Sub-subcontractor, manufacturer, supplier or distributor to illustrate some portion of the Work.

1. Reproduction of the Contract Drawings, or any portion thereof, shall not be acceptable.

§ 3.12.2 Product Data are illustrations, standard schedules, performance charts, instructions, brochures, diagrams and other information furnished by the Contractor to illustrate materials or equipment for some portion of the Work.

§ 3.12.3 Samples are physical examples that illustrate materials, equipment or workmanship and establish standards by which the Work will be judged.

§ 3.12.4 Shop Drawings, Product Data, Samples and similar submittals are not Contract Documents. Their purpose is to demonstrate the way by which the Contractor proposes to conform to the information given and the design concept expressed in the Contract Documents for those portions of the Work for which the Contract Documents require submittals. Review by the Architect is subject to the limitations of Section 4.2.7. Informational submittals upon which the Architect is not expected to take responsive action may be so identified in the Contract Documents. Submittals that are not required by the Contract Documents may be returned by the Architect without action.

§ 3.12.5 The Contractor shall review for compliance with the Contract Documents, approve and submit to the Architect Shop Drawings, Product Data, Samples and similar submittals required by the Contract Documents in accordance with the submittal schedule approved by the Architect or, in the absence of an approved submittal

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schedule, with reasonable promptness and in such sequence as to cause no delay in the Work or in the activities of the Owner or of separate contractors.

The Contractor, within 15 days from the Notice to Proceed, shall submit to the Engineer for approval, a complete schedule of submittals for shop drawings and technical and/or engineering data sheets covering all items and equipment for this Contract as listed in each respective division. Submit for approval six (6) copies of certified Shop Drawings and technical data sheets plus sufficient copies for Contractor's use. Approval of the above submissions shall not relieve the Contractor from complying with the drawings and specifications, nor shall such approval be construed as a guarantee of the accuracy of dimensions or other covered items. The Engineer shall endeavor to process all drawings, data sheets, etc., within 21 calendar days of receipt unless impractical. Except for construction schedule and schedule of values that need to be turned over directly to the City for review/approval, the Contractor shall forward all other submittals for review/approval to only one clearing house. The City will notify the Contractor during the Pre-Construction Conference where to send these submittals.

1. Unless otherwise directed or specified, samples shall be submitted in duplicate. Samples shall be properly labeled, bearing the name and quality of material, name of the manufacturer, name of Project, name of the Contractor and the date of submission.

§ 3.12.6 By submitting Shop Drawings, Product Data, Samples and similar submittals, the Contractor represents to the Owner and Architect that the Contractor has (1) reviewed and approved them, (2) determined and verified materials, field measurements and field construction criteria related thereto, ~~or will do so and~~ (3) checked and coordinated the information contained within such submittals with the requirements of the Work and of the Contract Documents. All copies of Shop Drawings submitted for approval shall bear the following statement: "Checked and certified correct for conformance with Contract Documents." This statement shall be dated and signed by the Contractor and shall appear on each submittal. One copy of each approved submittal shall be kept at job site at all times.

§ 3.12.7 The Contractor shall perform no portion of the Work for which the Contract Documents require submittal and review of Shop Drawings, Product Data, Samples or similar submittals until the respective submittal has been approved by the Architect.

1. The Contractor shall furnish to the field as many prints of the approved Shop Drawings as may be required.

§ 3.12.8 The Work shall be in accordance with approved submittals except that the Contractor shall not be relieved of responsibility for deviations from requirements of the Contract Documents by the Architect's approval of Shop Drawings, Product Data, Samples or similar submittals unless the Contractor has specifically informed the Architect in writing of such deviation at the time of submittal and (1) the Architect has given written approval to the specific deviation as a minor change in the Work, or (2) a Change Order or Construction Change Directive has been issued authorizing the deviation. The Contractor shall not be relieved of responsibility for errors or omissions in Shop Drawings, Product Data, Samples or similar submittals by the Architect's approval thereof.

§ 3.12.9 The Contractor shall direct specific attention, in writing or on resubmitted Shop Drawings, Product Data, Samples or similar submittals, to revisions other than those requested by the Architect on previous submittals. In the absence of such written notice, the Architect's approval of a resubmission shall not apply to such revisions.

§ 3.12.10 The Contractor shall not be required to provide professional services that constitute the practice of architecture or engineering unless such services are specifically required by the Contract Documents for a portion of the Work or unless the Contractor needs to provide such services in order to carry out the Contractor's responsibilities for construction means, methods, techniques, sequences and procedures. The Contractor shall not be required to provide professional services in violation of applicable law. If professional design services or certifications by a design professional related to systems, materials or equipment are specifically required of the Contractor by the Contract Documents, the Owner and the Architect will specify all performance and design criteria that such services must satisfy. The Contractor shall cause such services or certifications to be provided by a properly licensed design professional, whose signature and seal shall appear on all drawings, calculations, specifications, certifications, Shop Drawings and other submittals prepared by such professional. Shop Drawings and other submittals related to the Work designed or certified by such professional, if prepared by others, shall bear such professional's written approval when submitted to the Architect. The Owner and the Architect shall be entitled

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to rely upon the adequacy, accuracy and completeness of the services, certifications and approvals performed or provided by such design professionals, provided the Owner and Architect have specified to the Contractor all performance and design criteria that such services must satisfy. Pursuant to this Section 3.12.10, the Architect will review, approve or take other appropriate action on submittals only for the limited purpose of checking for conformance with information given and the design concept expressed in the Contract Documents. The Contractor shall not be responsible for the adequacy of the performance and design criteria specified in the Contract Documents.

§ 3.13 USE OF SITE

The Contractor shall confine operations at the site to areas permitted by applicable laws, statutes, ordinances, codes, rules and regulations, and lawful orders of public authorities and the Contract Documents and shall not unreasonably encumber the site with materials or equipment.

§ 3.14 CUTTING AND PATCHING

§ 3.14.1 The Contractor shall be responsible for cutting, fitting or patching required to complete the Work or to make its parts fit together properly. All areas requiring cutting, fitting and patching shall be restored to the condition existing prior to the cutting, fitting and patching, unless otherwise required by the Contract Documents.

§ 3.14.2 The Contractor shall not damage or endanger a portion of the Work or fully or partially completed construction of the Owner or separate contractors by cutting, patching or otherwise altering such construction, or by excavation. The Contractor shall not cut or otherwise alter such construction by the Owner or a separate contractor except with written consent of the Owner and of such separate contractor; such consent shall not be unreasonably withheld. The Contractor shall not unreasonably withhold from the Owner or a separate contractor the Contractor's consent to cutting or otherwise altering the Work.

§ 3.14.3 UNDERGROUND UTILITY DAMAGE PREVENTION ACT

The Contractor shall be required and agrees to comply with all the provisions of the Virginia Underground Utility Damage Prevention Act (Section 56-265.14, et seq. Code of Virginia, 1950, as amended) and hereby agrees to hold the City of Norfolk harmless against any loss, damages or claims of any nature whatsoever arising out of the Contractor's failure to comply with the requirements of said Act.

§ 3.15 CLEANING UP

§ 3.15.1 The Contractor shall keep the premises and surrounding area free from accumulation of waste materials or rubbish caused by operations under the Contract. At completion of the Work, the Contractor shall remove waste materials, rubbish, the Contractor's tools, construction equipment, machinery and surplus materials from and about the Project. In addition, immediately after the completion of the Work, or any portion thereof, the Contractor shall restore the facility, street, and surrounding area to a condition as clean as before the Work was begun. The drainage system shall also be inspected and cleaned by the Contractor. If done by the City or its agents, any expense the City may incur will be charged against the Contractor and deducted before Final Payment is made. The Contractor will be required to back fill along the edges of the sidewalks, driveways and curbs where settlement has occurred, and reshape and reslope where directed. Site must be maintained regularly according to State and City regulations, including regular grass cutting. During the progress of the Work, the sidewalks and portions of the streets adjoining the Work, or in its vicinity, must not be obstructed or littered, and the adjacent sidewalks and gutters must be kept clean as directed by the Engineer.

§ 3.15.2 If the Contractor fails to clean up as provided in the Contract Documents, the Owner may do so and Owner shall be entitled to reimbursement from the costs thereof shall be charged to the Contractor.

§ 3.16 ACCESS TO WORK

The Contractor shall provide the Owner and Architect access to the Work in preparation and progress wherever located.

§ 3.17 ROYALTIES, PATENTS AND COPYRIGHTS

The Contractor shall pay all royalties and license fees. The Contractor shall defend suits or claims for infringement of copyrights and patent rights and shall hold the Owner and Architect harmless from loss on account thereof, but shall not be responsible for such defense or loss when a particular design, process or product of a particular

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manufacturer or manufacturers is required by the Contract Documents, or where the copyright violations are contained in Drawings, Specifications or other documents prepared by the Owner or Architect. However, if the Contractor has reason to believe that the required design, process or product is an infringement of a copyright or a patent, the Contractor shall be responsible for such loss unless such information is promptly furnished to the Architect.

§ 3.18 INDEMNIFICATION

§ 3.18.1 To the fullest extent permitted by law the Contractor shall indemnify and hold harmless the Owner, Architect, Architect's consultants, and agents and employees of any of them from and against claims, damages, losses and expenses, including but not limited to attorneys' fees, arising out of or resulting from performance of the Work, provided that such claim, damage, loss or expense is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property (other than the Work itself), but only to the extent caused by the negligent acts or omissions of the Contractor, a Subcontractor, anyone directly or indirectly employed by them or anyone for whose acts they may be liable, regardless of whether or not such claim, damage, loss or expense is caused in part by a party indemnified hereunder. Such obligation shall not be construed to negate, abridge, or reduce other rights or obligations of indemnity ~~that which~~ would otherwise exist as to a party or person described in this Section 3.18.

§ 3.18.1.1 The requirements of this Paragraph 3.18 shall be incorporated into the Contractor's insurance policies in a manner approved by the Owner.

§ 3.18.2 In claims against any person or entity indemnified under this Section 3.18 by an employee of the Contractor, a Subcontractor, anyone directly or indirectly employed by them or anyone for whose acts they may be liable, the indemnification obligation under Section 3.18.1 shall not be limited by a limitation on amount or type of damages, compensation or benefits payable by or for the Contractor or a Subcontractor under workers' compensation acts, disability benefit acts or other employee benefit acts.

ARTICLE 4 ARCHITECT

§ 4.1 GENERAL

~~§ 4.1.1 The Owner shall retain an architect~~ architect is the person lawfully licensed to practice architecture or an entity lawfully practicing architecture in the jurisdiction where the Project is located. That person or entity is identified as the Architect identified as such in the Agreement and is referred to throughout the Contract Documents as if singular in number. The term "Architect" means the Architect or the Architect's authorized representative.

§ 4.1.2 Duties, responsibilities and limitations of authority of the Architect as set forth in the Contract Documents shall not be restricted, modified or extended without written consent of the Owner, Contractor and Architect. Consent shall not be unreasonably withheld.

~~§ 4.1.3 If the employment of the Architect is terminated, the Owner shall employ a successor architect as to whom the Contractor has no reasonable objection and whose status under the Contract Documents shall be that of the Architect.~~

§ 4.1.3. Intentionally Omitted

§ 4.2 ADMINISTRATION OF THE CONTRACT

§ 4.2.1 As the Owner's Project representative, the Consulting Architect/Engineer's duties, responsibilities and limitations of authority shall be presented during the Pre-Construction Meeting. The Architect will provide administration of the Contract as described in the Contract Documents and will be an Owner's representative during construction until the date the Architect issues the final Certificate for Payment. The Architect will have authority to act on behalf of the Owner only to the extent provided in the Contract Documents.

§ 4.2.1.1 Engineer – An individual or entity having an Agreement with the Owner to furnish services as Owner's independent professional consultant with respect to the Project and who is identified as such in the Agreement.

§ 4.2.2 The Architect-Architect, as a representative of the Owner, will visit the site at intervals appropriate to the stage of construction, or as otherwise agreed with the Owner, to become generally familiar with the Contractor's operations (1) to become familiar with and to keep the Owner informed about the progress and quality of the portion

of the Work completed, and to determine in general if the Work observed is being performed in a manner indicating that (2) to endeavor to guard the Owner against defects and deficiencies in the Work, when fully completed, will be in accordance with the Contract Documents. However, the Architect will not be required to make exhaustive or continuous on-site inspections to check the quality or quantity of the Work. The Architect will not have control over, charge of, or responsibility nor be responsible for, the construction means, methods, techniques, sequences or procedures, or for the safety precautions and programs in connection with the Work, since these are solely the Contractor's rights and responsibilities under the Contract Documents, except as provided in Section 3.3.1.

§ 4.2.3 On the basis of the site visits, the Architect will keep the Owner reasonably informed about the progress and quality of the portion of the Work completed, and report to the Owner (1) known deviations from the Contract Documents and from the most recent construction schedule submitted by the Contractor, and (2) defects and deficiencies observed in the Work. The Architect will not be responsible for the Contractor's failure to perform the Work in accordance with the requirements of the Contract Documents. The Architect will not have control over or charge of and will not be responsible for acts or omissions of the Contractor, Subcontractors, or their agents or employees, or any other persons or entities performing portions of the Work.

§ 4.2.4 COMMUNICATIONS FACILITATING CONTRACT ADMINISTRATION

Except as otherwise provided in the Contract Documents or when direct communications have been specially authorized, the Owner and Contractor shall endeavor to communicate with each other through the Architect about matters arising out of or relating to the Contract. Communications by and with the Architect's consultants shall be through the Architect. Communications by and with Subcontractors and material suppliers shall be through the Contractor. Communications by and with separate contractors shall be through the Owner.

§ 4.2.5 Based on the Architect's evaluations of the Contractor's Applications for Payment, the Architect will review and certify the amounts due the Contractor and will issue Certificates for Payment in such amounts.

§ 4.2.6 The Architect has authority to reject Work that does not conform to the Contract Documents. Whenever the Architect considers it necessary or advisable, the Architect will have authority to require inspection or testing of the Work in accordance with Sections 13.5.2 and 13.5.3, whether or not such Work is fabricated, installed or completed. However, neither this authority of the Architect nor a decision made in good faith either to exercise or not to exercise such authority shall give rise to a duty or responsibility of the Architect to the Contractor, Subcontractors, material and equipment suppliers, their agents or employees, or other persons or entities performing portions of the Work.

§ 4.2.7 The Architect will review and approve, or take other appropriate action upon, the Contractor's submittals such as Shop Drawings, Product Data and Samples, but only for the limited purpose of checking for conformance with information given and the design concept expressed in the Contract Documents. The Architect's action will be taken in accordance with the submittal schedule approved by the Architect or, in the absence of an approved submittal schedule, with reasonable promptness while allowing sufficient time in the Architect's professional judgment to permit adequate review. Review of such submittals is not conducted for the purpose of determining the accuracy and completeness of other details such as dimensions and quantities, or for substantiating instructions for installation or performance of equipment or systems, all of which remain the responsibility of the Contractor as required by the Contract Documents. The Architect's review of the Contractor's submittals shall not relieve the Contractor of the obligations under Sections 3.3, 3.5 and 3.12. The Architect's review shall not constitute approval of safety precautions or, unless otherwise specifically stated by the Architect, of any construction means, methods, techniques, sequences or procedures. The Architect's approval of a specific item shall not indicate approval of an assembly of which the item is a component.

§ 4.2.8 The Architect will prepare Change Orders and Construction Change Directives, and may authorize minor changes in the Work as provided in Section 7.4. The Architect will investigate and make determinations and recommendations regarding concealed and unknown conditions as provided in Section 3.7.4.

§ 4.2.9 The Architect will conduct inspections to determine the date or dates of Substantial Completion and the date of final completion; issue Certificates of Substantial Completion pursuant to Section 9.8; receive and forward to the Owner, for the Owner's review and records, written warranties and related documents required by the Contract and assembled by the Contractor pursuant to Section 9.10; and issue a final Certificate for Payment pursuant to Section 9.10.

§ 4.2.10 If the Owner and Architect agree, the Architect will provide one or more project representatives to assist in carrying out the Architect's responsibilities at the site. The duties, responsibilities and limitations of authority of such project representatives shall be as set forth in an exhibit to be incorporated in the Contract Documents.

§ 4.2.11 The Architect will interpret and decide matters concerning performance under, and requirements of, the Contract Documents on written request of either the Owner or Contractor. The Architect's response to such requests will be made in writing within any time limits agreed upon or otherwise with reasonable promptness.

§ 4.2.12 Interpretations and decisions of the Architect will be consistent with the intent of, and reasonably inferable from, the Contract Documents and will be in writing or in the form of drawings. When making such interpretations and decisions, the Architect will endeavor to secure faithful performance by both Owner and Contractor, will not show partiality to either and will not be liable for results of interpretations or decisions rendered in good faith.

§ 4.2.13 The Architect's decisions on matters relating to aesthetic effect will be final if consistent with the intent expressed in the Contract Documents.

§ 4.2.14 The Architect will review and respond to requests for information about the Contract Documents. The Architect's response to such requests will be made in writing within any time limits agreed upon or otherwise with reasonable promptness. If appropriate, the Architect will prepare and issue supplemental Drawings and Specifications in response to the requests for information.

§ PRE-CONSTRUCTION MEETING. Before starting the Work, the Architect/Engineer/Owner will schedule a Pre-Construction Meeting to review the requirements on such matters as Project supervision and on-site inspection, Shop Drawing schedules and submission, progress schedules and reports, payrolls, payments to Contractors, Contract Change Orders, insurance, safety, labor provisions and equal opportunity in employment and any other items pertinent to the Project. Present at the meeting will be the Architect/Engineer, Owner, Project Representative, the Contractor, and its Superintendent for the Project.

ARTICLE 5 SUBCONTRACTORS

§ 5.1 DEFINITIONS

§ 5.1.1 A Subcontractor is a person or entity who has a direct contract with the Contractor to perform a portion of the Work at the site. The term "Subcontractor" is referred to throughout the Contract Documents as if singular in number and means a Subcontractor or an authorized representative of the Subcontractor. The term "Subcontractor" does not include a separate contractor or subcontractors of a separate contractor.

§ 5.1.2 A Sub-subcontractor is a person or entity who has a direct or indirect contract with a Subcontractor to perform a portion of the Work at the site. The term "Sub-subcontractor" is referred to throughout the Contract Documents as if singular in number and means a Sub-subcontractor or an authorized representative of the Sub-subcontractor.

§ 5.2 AWARD OF SUBCONTRACTS AND OTHER CONTRACTS FOR PORTIONS OF THE WORK

§ 5.2.1 Unless otherwise stated in the Contract Documents or the bidding requirements, the Contractor, ~~as soon as practicable within 15 days~~ after award of the Contract, shall furnish in writing to the Owner through the Architect the names of persons or entities (including those who are to furnish materials or equipment fabricated to a special design) proposed for ~~each principal portion~~ of the Work. The Architect may reply within 14 days to the Contractor in writing stating (1) whether the Owner or the Architect has reasonable objection to any such proposed person or entity or (2) that the Architect requires additional time for review. Failure of the Owner or Architect to reply within the 14-day period shall constitute notice of no reasonable objection.

§ 5.2.2 The Contractor shall not contract with a proposed person or entity to whom the Owner or Architect has made reasonable and timely objection. The Contractor shall not be required to contract with anyone to whom the Contractor has made reasonable objection.

§ 5.2.3 If the Owner or Architect has reasonable objection to a person or entity proposed by the Contractor, the Contractor shall propose another to whom the Owner or Architect has no reasonable objection. ~~If the proposed but rejected Subcontractor was reasonably capable of performing the Work, the Contract Sum and Contract Time shall~~

~~be increased or decreased by the difference, if any, occasioned by such change, and an appropriate Change Order shall be issued before commencement of the substitute Subcontractor's Work. However, no increase in the Contract Sum or Contract Time shall be allowed for such change unless the Contractor has acted promptly and responsively in submitting names as required.~~objection.

§ 5.2.4 The Contractor shall not substitute a Subcontractor, person or entity previously selected if the Owner or Architect Architect, upon written notice of such intent, makes reasonable objection to such substitution.

§ 5.3 SUBCONTRACTUAL RELATIONS

By appropriate agreement, written where legally required for validity, the Contractor shall require each Subcontractor, to the extent of the Work to be performed by the Subcontractor, to be bound to the Contractor by terms of the Contract Documents, and to assume toward the Contractor all the obligations and responsibilities, including the responsibility for safety of the Subcontractor's Work, which the Contractor, by these Documents, assumes toward the Owner and Architect. Each subcontract agreement shall preserve and protect the rights of the Owner and Architect under the Contract Documents with respect to the Work to be performed by the Subcontractor so that subcontracting thereof will not prejudice such rights, and shall allow to the Subcontractor, unless specifically provided otherwise in the subcontract agreement, the benefit of all rights, remedies and redress against the Contractor that the Contractor, by the Contract Documents, has against the Owner. Where appropriate, the Contractor shall require each Subcontractor to enter into similar agreements with Sub-subcontractors. The Contractor shall make available to each proposed Subcontractor, prior to the execution of the subcontract agreement, copies of the Contract Documents to which the Subcontractor will be bound, and, upon written request of the Subcontractor, identify to the Subcontractor terms and conditions of the proposed subcontract agreement that may be at variance with the Contract Documents. Subcontractors will similarly make copies of applicable portions of such documents available to their respective proposed Sub-subcontractors.

§ 5.4 CONTINGENT ASSIGNMENT OF SUBCONTRACTS

§ 5.4.1 Each subcontract agreement for a portion of the Work is assigned by the Contractor to the Owner, provided that

- .1 assignment is effective only after termination of the Contract by the Owner for cause pursuant to Section 14.2 and only for those subcontract agreements that the Owner accepts by notifying the Subcontractor and Contractor in writing; and
- .2 assignment is subject to the prior rights of the surety, if any, obligated under bond relating to the Contract.

~~When the Owner accepts the assignment of a subcontract agreement, the Owner assumes the Contractor's rights and obligations under the subcontract.~~

§ 5.4.2 Upon such assignment, if the Work has been suspended for more than 30 days, the Subcontractor's compensation shall be equitably adjusted for increases in cost resulting from the suspension.

~~§ 5.4.3 Upon such assignment to the Owner under this Section 5.4, the Owner may further assign the subcontract to a successor contractor or other entity. If the Owner assigns the subcontract to a successor contractor or other entity, the Owner shall nevertheless remain legally responsible for all of the successor contractor's obligations under the subcontract.~~

§ 5.4.3. Intentionally Omitted.

§ 5.5 SUBCONTRACTORS COORDINATION OF WORK

Every subcontractor performing work that affects others shall provide for all requirements of the other trades, notwithstanding the Contractor's responsibility to coordinate the Work. Should the work provided be unsuitable for the application of work by any other subcontractor, the subcontractor shall notify the Contractor and the Engineer in writing immediately. The Contractor is required to forward a copy of correspondence from his subcontractors providing notice of unsuitable work.

ARTICLE 6 CONSTRUCTION BY OWNER OR BY SEPARATE CONTRACTORS

§ 6.1 OWNER'S RIGHT TO PERFORM CONSTRUCTION AND TO AWARD SEPARATE CONTRACTS

§ 6.1.1 The Owner reserves the right to perform construction or operations related to the Project with the Owner's own forces, and to award separate contracts in connection with other portions of the Project or other construction or operations on the site under Conditions of the Contract identical or substantially similar to these including those portions related to insurance and waiver of subrogation. ~~If the Contractor claims that delay or additional cost is involved because of such action by the Owner, the Contractor shall make such Claim as provided in Article 15. subrogation.~~

§ 6.1.2 When separate contracts are awarded for different portions of the Project or other construction or operations on the site, the term "Contractor" in the Contract Documents in each case shall mean the Contractor who executes each separate Owner-Contractor Agreement.

§ 6.1.3 The Owner shall provide for coordination of the activities of the Owner's own forces and of each separate contractor with the Work of the Contractor, who shall cooperate with them. The Contractor shall participate with other separate contractors and the Owner in reviewing their construction schedules. The Contractor shall make any revisions to the construction schedule deemed necessary after a joint review and mutual agreement. The construction schedules shall then constitute the schedules to be used by the Contractor, separate contractors and the Owner until subsequently revised.

§ 6.1.4 Unless otherwise provided in the Contract Documents, when the Owner performs construction or operations related to the Project with the Owner's own forces, the Owner shall be deemed to be subject to the same obligations and to have the same rights that apply to the Contractor under the Conditions of the Contract, including, without excluding others, those stated in Article 3, this Article 6 and Articles 10, 11 and 12.

§ 6.2 MUTUAL RESPONSIBILITY

§ 6.2.1 The Contractor shall afford the Owner and separate contractors reasonable opportunity for introduction and storage of their materials and equipment and performance of their activities, and shall connect and coordinate the Contractor's construction and operations with theirs as required by the Contract Documents.

§ 6.2.2 If part of the Contractor's Work depends for proper execution or results upon construction or operations by the Owner or a separate contractor, the Contractor shall, prior to proceeding with that portion of the Work, promptly report to the Architect apparent discrepancies or defects in such other construction that would render it unsuitable for such proper execution and results. Failure of the Contractor so to report shall constitute an acknowledgment that the Owner's or separate contractor's completed or partially completed construction is fit and proper to receive the Contractor's Work, except as to defects not then reasonably discoverable.

§ 6.2.3 The Contractor shall reimburse the Owner for costs the Owner incurs that are payable to a separate contractor because of the Contractor's delays, improperly timed activities or defective construction. The Owner shall be responsible to the Contractor for costs the Contractor incurs because of a separate contractor's delays, improperly timed activities, damage to the Work or defective construction.

§ 6.2.4 The Contractor shall promptly remedy damage the Contractor wrongfully causes to completed or partially completed construction or to property of the Owner or separate contractors as provided in Section 10.2.5.

§ 6.2.5 The Owner and each separate contractor shall have the same responsibilities for cutting and patching as are described for the Contractor in Section 3.14.

§ 6.3 OWNER'S RIGHT TO CLEAN UP

If a dispute arises among the Contractor, separate contractors and the Owner as to the responsibility under their respective contracts for maintaining the premises and surrounding area free from waste materials and rubbish, the Owner may clean up and the Architect will allocate the cost among those responsible.

ARTICLE 7 CHANGES IN THE WORK

§ 7.1 GENERAL

§ 7.1.1 Changes in the Work may be accomplished after execution of the Contract, and without invalidating the Contract, by Change Order, Construction Change Directive or order for a minor change in the Work, subject to the limitations stated in this Article 7 and elsewhere in the Contract Documents.

§ 7.1.2 A Change Order shall be based upon agreement ~~among the Owner, Contractor and Architect; a Construction Change Directive requires agreement by the Owner and Architect and may or between the Owner and Contractor; a Construction Change Directive may not be agreed to by the Contractor; an order for a minor change in the Work may be issued by the Architect alone.~~

§ 7.1.3 Changes in the Work shall be performed under applicable provisions of the Contract Documents, and the Contractor shall proceed promptly, unless otherwise provided in the Change Order, Construction Change Directive or order for a minor change in the Work.

§ 7.1.4 Modifications shall be in compliance with the Code of the City of Norfolk, Virginia, Chapter 33.1

§ 7.2 CHANGE ORDERS

§ 7.2.1 A Change Order is a written instrument prepared by the Architect and signed by the Owner, Contractor and Architect stating their agreement upon all of the following:

- .1 The change in the Work;
- .2 The amount of the adjustment, if any, in the Contract Sum; and
- .3 The extent of the adjustment, if any, in the Contract Time.

§ 7.3 CONSTRUCTION CHANGE DIRECTIVES

§ 7.3.1 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 agreement on adjustment, if any, in the Contract Sum or Contract Time, or both. The Owner may by Construction Change Directive, without invalidating the Contract, order changes in the Work within the general scope of the Contract consisting of additions, deletions or other revisions, the Contract Sum and Contract Time being adjusted accordingly.

§ 7.3.2 A Construction Change Directive shall be used in the absence of total agreement on the terms of a Change Order.

§ 7.3.3 If the Construction Change Directive provides for an adjustment to the Contract Sum, the adjustment shall be based on one of the following methods:

- .1 Mutual acceptance of a lump sum properly itemized and supported by sufficient substantiating data to permit evaluation;
- .2 Unit prices stated in the Contract Documents or subsequently agreed upon; Where the Contract Documents provide that all or part of the Work is to be Unit Price Work, initially the Contract Price will be deemed to include for all Unit Price Work an amount equal to the sum of the Unit Price for each separately identified item of Unit Price Work times the estimated quantity of each item as indicated in the Contract. The estimated quantities of items of Unit Price Work are not guaranteed and are solely for the purpose of comparison of Bids and determining an initial Contract Price. Determinations of the actual quantities and classifications of Unit Price Work performed by Contractor will be made by Architect/Engineer's recommendation to the City as follows:

a. Architect/Engineer will review with Contractor the Architect/Engineer's preliminary determinations on such matters before rendering a written recommendation thereon (by endorsement of an Application for Payment or otherwise). City's written decision thereon (by approval of Application for Payment or otherwise) will be final and binding (except as modified by Architect/Engineer to reflect changed factual conditions or more accurate data) upon Contractor, subject to the provisions of Paragraph 7.3.4.;

b. Each Unit Price will be deemed to include an amount considered by Contractor to be adequate to cover Contractor's overhead and profit for each separately identified item.

- .3 Cost to be determined in a manner agreed upon by the parties and a mutually acceptable fixed or percentage fee; or
- .4 As provided in Section 7.3.7.

§ 7.3.4 If unit prices are stated in the Contract Documents or subsequently agreed upon, and if quantities originally contemplated are materially changed in a proposed Change Order or Construction Change Directive so that application of such unit prices to quantities of Work proposed will cause substantial inequity to the Owner or Contractor, the applicable unit prices shall be equitably adjusted. adjusted provided that there is no corresponding adjustment with respect to any other item of Work.

§ 7.3.5 Upon receipt of a Construction Change Directive, the Contractor shall promptly proceed with the change in the Work involved and advise the Architect of the Contractor's agreement or disagreement with the method, if any, provided in the Construction Change Directive for determining the proposed adjustment in the Contract Sum or Contract Time.

§ 7.3.6 A Construction Change Directive signed by the Contractor indicates the Contractor's agreement therewith, including adjustment in Contract Sum and Contract Time or the method for determining them. Such agreement shall be effective immediately and shall be recorded as a Change Order.

§ 7.3.7 If the Contractor does not respond promptly or disagrees with the method for adjustment in the Contract Sum, the Architect shall determine the method and the adjustment on the basis of reasonable expenditures and savings of those performing the Work attributable to the change, including, in case of an increase in the Contract Sum, an amount for overhead and profit as set forth in the Agreement, or if no such amount is set forth in the Agreement, a reasonable amount. In such case, and also under Section 7.3.3.3, the Contractor shall keep and present, in such form as the Architect may prescribe, an itemized accounting together with appropriate supporting data. Unless otherwise provided in the Contract Documents, costs for the purposes of this Section 7.3.7 shall be limited to the following:

- .1 Costs of labor, including social security, old age and unemployment insurance, fringe benefits required by agreement or custom, and workers' compensation insurance;
- .2 Costs of materials, supplies and equipment, including cost of transportation, whether incorporated or consumed;
- .3 Rental costs of machinery and equipment, exclusive of hand tools, whether rented from the Contractor or others;
- .4 ~~Costs of premiums for all bonds and insurance, permit fees, and sales, use or similar taxes related to the Work; and~~ Overhead and profit costs, except where such costs have been determined by means of Paragraph 7.3.3.2 above, wherein such costs are included in the Unit Prices, shall be determined as follows:

a. Fifteen percent (15%) of the costs determined above shall be paid for overhead and profit of the Contractor or subcontractor(s) actually performing the work, including, but not limited to, field and home office expense, superintendent, taxes, subsistence expenses of any nature, premiums on bonds, insurance, and all other costs and expenses as determined by the City.

b. In the event the work is performed by a subcontractor or subcontractors, the Contractor shall be

- .5 Additional costs of supervision and field office personnel directly attributable to the change, paid ten percent (10%) of the total costs determined above, excluding the subcontractor's or subcontractors' overhead and profit, to cover and compensate the Contractor for its overhead and profit;

.5 . Intentionally Omitted

§ 7.3.8 The amount of credit to be allowed by the Contractor to the Owner for a deletion or change that results in a net decrease in the Contract Sum shall be actual net cost as confirmed by the Architect. ~~Architect plus overhead and~~

profit to actual net cost. When both additions and credits covering related Work or substitutions are involved in a change, the allowance for overhead and profit shall be figured on the basis of net increase, if any, with respect to that change.

§ 7.3.9 Pending final determination of the total cost of a Construction Change Directive to the Owner, the Contractor may not request payment for Work completed under the Construction Change Directive in Applications for Payment. ~~The Architect will make an interim determination for purposes of monthly certification for payment for those costs and certify for payment the amount that the Architect determines, in the Architect's professional judgment, to be reasonably justified. The Architect's interim determination of cost shall adjust the Contract Sum on the same basis as a Change Order, subject to the right of either party to disagree and assert a Claim in accordance with Article 15. Contractor may only include the amounts of fully executed Change Orders in the Applications for Payment.~~

§ 7.3.10 When the Owner and Contractor agree with a determination made by the Architect concerning the adjustments in the Contract Sum and Contract Time, or otherwise reach agreement upon the adjustments, such agreement shall be effective immediately and the Architect will prepare a Change Order. Change Orders may be issued for all or any part of a Construction Change Directive.

§ 7.4 MINOR CHANGES IN THE WORK

The Architect has authority to order minor changes in the Work not involving adjustment in the Contract Sum or extension of the Contract Time and not inconsistent with the intent of the Contract Documents. Such changes will be effected by written order signed by the Architect and shall be binding on the Owner and Contractor.

ARTICLE 8 TIME

§ 8.1 DEFINITIONS

§ 8.1.1 Unless otherwise provided, Contract Time is the period of time, including authorized adjustments, allotted in the Contract Documents for Substantial Completion of the Work.

§ 8.1.2 The date of commencement of the Work is the date established in the Agreement.

§ 8.1.3 The date of Substantial Completion is the date certified by the Architect in accordance with Section 9.8.

§ 8.1.4 The term "day" as used in the Contract Documents shall mean calendar day unless otherwise specifically defined.

§ 8.2 PROGRESS AND COMPLETION

§ 8.2.1 Time limits stated in the Contract Documents are of the essence of the Contract. By executing the Agreement the Contractor confirms that the Contract Time is a reasonable period for performing the Work.

§ 8.2.2 The Contractor shall not knowingly, except by agreement or instruction of the Owner in writing, prematurely commence operations on the site or elsewhere prior to the effective date of insurance required by Article 11 to be furnished by the Contractor and Owner. The date of commencement of the Work shall not be changed by the effective date of such insurance.

§ 8.2.3 The Contractor shall proceed expeditiously with adequate forces and shall achieve Substantial Completion within the Contract Time.

§ 8.3 DELAYS AND EXTENSIONS OF TIME

§ 8.3.1 If the Contractor is delayed at any time in the commencement or progress of the Work by an act or neglect of the Owner or Architect, or of an employee of either, or of a separate contractor employed by the Owner; or by changes ordered in the Work; or by labor disputes, fire, unusual delay in deliveries, unavoidable casualties or other causes beyond the Contractor's control; or by delay authorized by the ~~Owner pending mediation and arbitration;~~ Owner; or by other causes that the Architect determines may justify delay, then the Contract Time shall be extended by Change Order for such reasonable time as the Architect may determine.

§ 8.3.2 Claims relating to time shall be made in accordance with applicable provisions of Article 15.

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§ 8.3.3 This Section 8.3 does not preclude recovery of damages for delay by either party under other provisions of the Contract Documents.

ARTICLE 9 PAYMENTS AND COMPLETION

§ 9.1 CONTRACT SUM

The Contract Sum is stated in the Agreement and, including authorized adjustments, is the total amount payable by the Owner to the Contractor for performance of the Work under the Contract Documents.

§ 9.2 SCHEDULE OF VALUES

Where the Contract is based on a stipulated sum or Guaranteed Maximum Price, the Contractor shall submit to the Architect, before the first Application for Payment, a schedule of values allocating the entire Contract Sum to the various portions of the Work and prepared in such form and supported by such data to substantiate its accuracy as the Architect may require. This schedule, unless objected to by the Architect, shall be used as a basis for reviewing the Contractor's Applications for Payment.

§ 9.3 APPLICATIONS FOR PAYMENT

Based upon Applications for Payment submitted to the Engineer by the Contractor and Applications for Payment issued by the Engineer, the City shall make monthly progress payments on account of the Contract Sum to the Contractor as provided in these General Conditions of the Contract for Construction as follows:

1. The City will endeavor to pay the Contractor, on or about the thirtieth (30th) calendar day after receipt of Application for Payment, ninety-five percent (95%) of the portion of the Contract Sum properly allocated to labor, materials and equipment incorporated in the work and ninety-five percent (95%) of the portion of the Contract Sum properly allocated to materials and equipment suitably stored at the site or at some other location agreed upon in writing by the parties, less the aggregate of previous payments in each case; provided however, the City, at any time after fifty percent (50%) of the work has been completed, if it finds that satisfactory progress is being made, may in its sole discretion make any of the remaining partial payments in full. Also, upon Substantial Completion of the work, the City may increase total payment to one hundred percent (100%) of the Contract sum, less such retainage as the Engineer shall determine for incomplete work and unsettled claims. But such full payment or payments shall in no manner be construed as reducing the amount of the bond or the liability of the Surety thereon, until Final Completion and acceptance of all lines of work herein set forth. Final Payment shall be made upon completion of all work and acceptance by the Engineer in accordance with the General Conditions.

2. The action of the Engineer by which the Contractor is to be bound according to the terms of this Contract shall be evidenced by his final estimate and certificate, all prior estimates upon which ninety-five percent (95%) or more may be made, being merely payments on account, and not payments for accepted work, and subject to the corrections of such final estimate, which may be made without notice to the Contractor thereof, or of the measurements upon which the same is based.

§ 9.3.1 At least ten days before the date established for each progress payment, the Contractor shall submit to the Architect an itemized Application for Payment prepared in accordance with the schedule of values, if required under Section 9.2, for completed portions of the Work. Such application shall be notarized, if required, certified by an officer of the firm, and supported by such data substantiating the Contractor's right to payment as the Owner or Architect may require, such as copies of requisitions from Subcontractors and material suppliers, and shall reflect retainage if provided for in the Contract Documents.

§ 9.3.1.1 As provided in Section 7.3.9, such applications may include requests for payment on account of changes in the Work that have been properly authorized by Construction Change Directives, or by interim determinations of the Architect, but not yet included in Change Orders.

§ 9.3.1.2 Applications for Payment shall not include requests for payment for portions of the Work for which the Contractor does not intend to pay a Subcontractor or material supplier, unless such Work has been performed by others whom the Contractor intends to pay.

§ 9.3.2 Unless otherwise provided in the Contract Documents, payments shall be made on account of materials and equipment delivered and suitably stored at the site for subsequent incorporation in the Work. If approved in advance

by the Owner, payment may similarly be made for materials and equipment suitably stored off the site at a location agreed upon in writing. Payment for materials and equipment stored on or off the site shall be conditioned upon compliance by the Contractor with procedures satisfactory to the Owner to establish the Owner's title to such materials and equipment or otherwise protect the Owner's interest, and shall include the costs of applicable insurance, storage and transportation to the site for such materials and equipment stored off the site.

§ 9.3.3 The Contractor warrants that title to all Work covered by an Application for Payment will pass to the Owner no later than the time of payment. The Contractor further warrants that upon submittal of an Application for Payment all Work for which Certificates for Payment have been previously issued and payments received from the Owner shall, to the best of the Contractor's knowledge, information and belief, be free and clear of liens, claims, security interests or encumbrances in favor of the Contractor, Subcontractors, material suppliers, or other persons or entities making a claim by reason of having provided labor, materials and equipment relating to the Work.

§ 9.4 CERTIFICATES FOR PAYMENT

§ 9.4.1 The Architect will, within seven days after receipt of the Contractor's Application for Payment, either issue to the Owner a Certificate for Payment, with a copy to the Contractor, for such amount as the Architect determines is properly due, or notify the Contractor and Owner in writing of the Architect's reasons for withholding certification in whole or in part as provided in Section 9.5.1.

§ 9.4.2 The issuance of a Certificate for Payment will constitute a representation by the Architect to the Owner, based on the Architect's evaluation of the Work and the data comprising the Application for Payment, that, to the best of the Architect's knowledge, information and belief, the Work has progressed to the point indicated and that the quality of the Work is in accordance with the Contract Documents. The foregoing representations are subject to an evaluation of the Work for conformance with the Contract Documents upon Substantial Completion, to results of subsequent tests and inspections, to correction of minor deviations from the Contract Documents prior to completion and to specific qualifications expressed by the Architect. The issuance of a Certificate for Payment will further constitute a representation that the Contractor is entitled to payment in the amount certified. However, the issuance of a Certificate for Payment will not be a representation that the Architect has (1) made exhaustive or continuous on-site inspections to check the quality or quantity of the Work, (2) reviewed construction means, methods, techniques, sequences or procedures, (3) reviewed copies of requisitions received from Subcontractors and material suppliers and other data requested by the Owner to substantiate the Contractor's right to payment, or (4) made examination to ascertain how or for what purpose the Contractor has used money previously paid on account of the Contract Sum.

§ 9.5 DECISIONS TO WITHHOLD CERTIFICATION

§ 9.5.1 The Architect may withhold a Certificate for Payment in whole or in part, to the extent reasonably necessary to protect the Owner, if in the Architect's opinion the representations to the Owner required by Section 9.4.2 cannot be made. If the Architect is unable to certify payment in the amount of the Application, the Architect will notify the Contractor and Owner as provided in Section 9.4.1. If the Contractor and Architect cannot agree on a revised amount, the Architect will promptly issue a Certificate for Payment for the amount for which the Architect is able to make such representations to the Owner. The Architect may also withhold a Certificate for Payment or, because of subsequently discovered evidence, may nullify the whole or a part of a Certificate for Payment previously issued, to such extent as may be necessary in the Architect's opinion to protect the Owner from loss for which the Contractor is responsible, including loss resulting from acts and omissions described in Section 3.3.2, because of

- .1 defective Work not remedied;
- .2 third party claims filed or reasonable evidence indicating probable filing of such claims unless security acceptable to the Owner is provided by the Contractor;
- .3 failure of the Contractor to make payments properly to Subcontractors or for labor, materials or equipment;
- .4 reasonable evidence that the Work cannot be completed for the unpaid balance of the Contract Sum;
- .5 damage to the Owner or a separate contractor;
- .6 reasonable evidence that the Work will not be completed within the Contract Time, and that the unpaid balance would not be adequate to cover actual or liquidated damages for the anticipated delay; or
- .7 repeated failure to carry out the Work in accordance with the Contract Documents.

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§ 9.5.2 When the above reasons for withholding certification are removed, certification will be made for amounts previously withheld. The City reserves the right to determine payment made.

§ 9.5.3 If the Architect withholds certification for payment under Section 9.5.1.3, the Owner may, at its sole option, issue joint checks to the Contractor and to any Subcontractor or material or equipment suppliers to whom the Contractor failed to make payment for Work properly performed or material or equipment suitably delivered. If the Owner makes payments by joint check, the Owner shall notify the Architect and the Architect will reflect such payment on the next Certificate for Payment.

§ 9.6 PROGRESS PAYMENTS

§ 9.6.1 After the Architect has issued a Certificate for Payment, the Owner shall make payment in the manner and within the time provided in the Contract Documents, and shall so notify the Architect.

§ 9.6.2 ~~The Contractor shall pay each Subcontractor no later than seven days after receipt of payment from the Owner the amount to which the Subcontractor is entitled, reflecting percentages actually retained from payments to the Contractor on account of the Subcontractor's portion of the Work. The Contractor shall, by appropriate agreement with each Subcontractor, require each Subcontractor to make payments to Sub-subcontractors in a similar manner.~~ is obligated to take one of the two following actions within seven (7) days after receipt of amounts paid to the Contractor by the Owner for work performed by any subcontractor under this Contract:

1. Pay the subcontractor for the proportionate share of the total payment received from the Owner attributable to the work performed by the subcontractor under this Contract; or

2. Notify the Owner and the subcontractor, in writing, of the Contractor's intention to withhold all or a part of the subcontractor's payment with the reason for nonpayment.

The Contractor shall include in each of its subcontracts, if any are permitted, a provision requiring each subcontractor to include or otherwise be subject to the same payment and interest requirements with respect to each lower-tier subcontractor.

The Contractor's obligation to pay an interest charge to a subcontractor pursuant to this section may not be construed to be an obligation of the City. A Contract Modification or Amendment to the Agreement may not be made for the purpose of providing reimbursement for such interest charge. A cost reimbursement claim may not include any amount for reimbursement for such interest charge.

§ 9.6.3 ~~The Architect will, on request, furnish to a Subcontractor, if practicable, information regarding percentages of completion or amounts applied for by the Contractor and action taken thereon by the Architect and Owner on account of portions of the Work done by such Subcontractor. A Subcontractor inquiry for progress payment and other information shall be directed to the City Attorney's office under the Freedom of Information Act.~~

§ 9.6.4 The Owner has the right to request written evidence from the Contractor that the Contractor has properly paid Subcontractors and material and equipment suppliers amounts paid by the Owner to the Contractor for subcontracted Work. If the Contractor fails to furnish such evidence within seven days, the Owner shall have the right to contact Subcontractors to ascertain whether they have been properly paid. Neither the Owner nor Architect shall have an obligation to pay or to see to the payment of money to a Subcontractor, except as may otherwise be required by law.

§ 9.6.5 Contractor payments to material and equipment suppliers shall be treated in a manner similar to that provided in Sections 9.6.2, 9.6.3 and 9.6.4.

§ 9.6.6 A Certificate for Payment, a progress payment, or partial or entire use or occupancy of the Project by the Owner shall not constitute acceptance of Work not in accordance with the Contract Documents.

§ 9.6.7 Unless the Contractor provides the Owner with a payment bond in the full penal sum of the Contract Sum, payments received by the Contractor for Work properly performed by Subcontractors and suppliers shall be held by the Contractor for those Subcontractors or suppliers who performed Work or furnished materials, or both, under contract with the Contractor for which payment was made by the Owner. Nothing contained herein shall require

money to be placed in a separate account and not commingled with money of the Contractor, shall create any fiduciary liability or tort liability on the part of the Contractor for breach of trust or shall entitle any person or entity to an award of punitive damages against the Contractor for breach of the requirements of this provision.

§ 9.7 FAILURE OF PAYMENT

~~If the Architect does not issue a Certificate for Payment, through no fault of the Contractor, within seven days after receipt of the Contractor's Application for Payment, or if the Owner does not pay the Contractor within seven days after the date established in the Contract Documents the amount certified by the Architect or awarded by binding dispute resolution, then the Contractor may, upon seven additional days' written notice to the Owner and Architect, stop the Work until payment of the amount owing has been received. The Contract Time shall be extended appropriately and the Contract Sum shall be increased by the amount of the Contractor's reasonable costs of shut-down, delay and start-up, plus interest as provided for in the Contract Documents.~~ Intentionally Omitted

§ 9.8 SUBSTANTIAL COMPLETION

§ 9.8.1 Substantial Completion is the stage in the progress of the Work when the Work or designated portion thereof is sufficiently complete in accordance with the Contract Documents so that the Owner can occupy or utilize the Work for its intended use.

§ 9.8.2 When the Contractor considers that the Work, or a portion thereof which the Owner agrees to accept separately, is substantially complete, the Contractor shall prepare and submit to the Architect a comprehensive list of items to be completed or corrected prior to final payment. Failure to include an item on such list does not alter the responsibility of the Contractor to complete all Work in accordance with the Contract Documents.

§ 9.8.3 Upon receipt of the Contractor's list, the Architect will make an inspection to determine whether the Work or designated portion thereof is substantially complete. If the Architect's inspection discloses any item, whether or not included on the Contractor's list, which is not sufficiently complete in accordance with the Contract Documents so that the Owner can occupy or utilize the Work or designated portion thereof for its intended use, the Contractor shall, before issuance of the Certificate of Substantial Completion, complete or correct such item upon notification by the Architect. In such case, the Contractor shall then submit a request for another inspection by the Architect to determine Substantial Completion.

§ 9.8.4 When the Work or designated portion thereof is substantially complete, the Architect will prepare a Certificate of Substantial Completion that shall establish the date of Substantial Completion, shall establish responsibilities of the Owner and Contractor for security, maintenance, heat, utilities, damage to the Work and insurance, and shall fix the time within which the Contractor shall finish all items on the list accompanying the Certificate. Warranties required by the Contract Documents shall commence on the date of Substantial Completion of the Work or designated portion thereof unless otherwise provided in the Certificate of Substantial Completion.

§ 9.8.5 The Certificate of Substantial Completion shall be submitted to the Owner and Contractor for their written acceptance of responsibilities assigned to them in such Certificate. Upon such acceptance and consent of surety, if any, the Owner shall make payment of retainage applying to such Work or designated portion thereof. Such payment shall be adjusted for Work that is incomplete or not in accordance with the requirements of the Contract Documents.

§ 9.9 PARTIAL OCCUPANCY OR USE

§ 9.9.1 The Owner may occupy or use any completed or partially completed portion of the Work at any stage when such portion is designated by separate agreement with the Contractor, provided such occupancy or use is consented to by the insurer as required under Section 11.3.1.5 and authorized by public authorities having jurisdiction over the Project. Such partial occupancy or use may commence whether or not the portion is substantially complete, provided the Owner and Contractor have accepted in writing the responsibilities assigned to each of them for payments, retainage, if any, security, maintenance, heat, utilities, damage to the Work and insurance, and have agreed in writing concerning the period for correction of the Work and commencement of warranties required by the Contract Documents. When the Contractor considers a portion substantially complete, the Contractor shall prepare and submit a list to the Architect as provided under Section 9.8.2. Consent of the Contractor to partial occupancy or use shall not be unreasonably withheld. The stage of the progress of the Work shall be determined by written agreement between the Owner and Contractor or, if no agreement is reached, by decision of the Architect.

§ 9.9.2 Immediately prior to such partial occupancy or use, the Owner, Contractor and Architect shall jointly inspect the area to be occupied or portion of the Work to be used in order to determine and record the condition of the Work.

§ 9.9.3 Unless otherwise agreed upon, partial occupancy or use of a portion or portions of the Work shall not constitute acceptance of Work not complying with the requirements of the Contract Documents.

§ 9.10 FINAL COMPLETION AND FINAL PAYMENT

§ 9.10.1 Upon receipt of the Contractor's written notice that the Work is ready for final inspection and acceptance and upon receipt of a final Application for Payment, the Architect will promptly make such inspection and, when the Architect finds the Work acceptable under the Contract Documents and the Contract fully performed, the Architect will promptly issue a final Certificate for Payment stating that to the best of the Architect's knowledge, information and belief, and on the basis of the Architect's on-site visits and inspections, the Work has been completed in accordance with terms and conditions of the Contract Documents and that the entire balance found to be due the Contractor and noted in the final Certificate is due and payable. The Architect's final Certificate for Payment will constitute a further representation that conditions listed in Section 9.10.2 as precedent to the Contractor's being entitled to final payment have been fulfilled.

§ 9.10.2 Neither final payment nor any remaining retained percentage shall become due until the Contractor submits to the Architect (1) an affidavit that payrolls, bills for materials and equipment, and other indebtedness connected with the Work for which the Owner or the Owner's property might be responsible or encumbered (less amounts withheld by Owner) have been paid or otherwise satisfied, (2) a certificate evidencing that insurance required by the Contract Documents to remain in force after final payment is currently in effect and will not be canceled or allowed to expire until at least 30 days' prior written notice has been given to the Owner, (3) a written statement that the Contractor knows of no substantial reason that the insurance will not be renewable to cover the period required by the Contract Documents, (4) consent of surety, if any, to final payment and (5), if required by the Owner, other data establishing payment or satisfaction of obligations, such as receipts, releases and waivers of liens, claims, security interests or encumbrances arising out of the Contract, to the extent and in such form as may be designated by the Owner. The Contractor shall submit a Contractor's release from liens, claims, security interests or encumbrances along with final invoice. If a Subcontractor refuses to furnish a release or waiver required by the Owner, the Contractor may furnish a bond satisfactory to the Owner to indemnify the Owner against such lien. If such lien remains unsatisfied after payments are made, the Contractor shall refund to the Owner all money that the Owner may be compelled to pay in discharging such lien, including all costs and reasonable attorneys' fees.

§ 9.10.3 If, after Substantial Completion of the Work, final completion thereof is materially delayed through no fault of the Contractor or by issuance of Change Orders affecting final completion, and the Architect so confirms, the Owner shall, upon application by the Contractor and certification by the Architect, and without terminating the Contract, make payment of the balance due for that portion of the Work fully completed and accepted. If the remaining balance for Work not fully completed or corrected is less than retainage stipulated in the Contract Documents, and if bonds have been furnished, the written consent of surety to payment of the balance due for that portion of the Work fully completed and accepted shall be submitted by the Contractor to the Architect prior to certification of such payment. Such payment shall be made under terms and conditions governing final payment, except that it shall not constitute a waiver of claims.

§ 9.10.4 The making of final payment shall constitute a waiver of Claims by the Owner except those arising from

- .1 liens, Claims, security interests or encumbrances arising out of the Contract and unsettled;
- .2 failure of the Work to comply with the requirements of the Contract Documents; or
- .3 terms of special warranties required by the Contract Documents.

§ 9.10.5 Acceptance of final payment by the Contractor, a Subcontractor or material supplier shall constitute a waiver of claims by that payee except those previously made in writing and identified by that payee as unsettled at the time of final Application for Payment.

ARTICLE 10 PROTECTION OF PERSONS AND PROPERTY

§ 10.1 SAFETY PRECAUTIONS AND PROGRAMS

The Contractor shall be solely responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the performance of the Contract.

§ 10.2 SAFETY OF PERSONS AND PROPERTY

§ 10.2.1 The Contractor shall take reasonable precautions for safety of, and shall provide reasonable protection to prevent damage, injury or loss to

- .1 employees on the Work and other persons who may be affected thereby;
- .2 the Work and materials and equipment to be incorporated therein, whether in storage on or off the site, under care, custody or control of the Contractor or the Contractor's Subcontractors or Sub-subcontractors; and
- .3 other property at the site or adjacent thereto, such as trees, shrubs, lawns, walks, pavements, roadways, structures and utilities not designated for removal, relocation or replacement in the course of construction. The Contractor shall provide temporary fences, barricades, coverings, or other protection to preserve existing items indicated to remain and to prevent injury or damage to persons or property.

This includes providing protection of the Work, materials, appliances and fixtures against weather, rain, wind, storms, freezing or heat. At the end of the day's work, work likely to be damaged shall be properly protected. For work on existing buildings, the Contractor shall accomplish the work in such a manner that the remainder of the building, and its contents and inhabitants, are fully protected from any weather damage.

The Contractor shall be responsible for ensuring that adequate measures are taken to secure materials and equipment during the progress of the Work to prevent storm-related hazards. It is, therefore, essential that the Contractor take necessary precautions to ensure that openings in the building are monitored carefully. The Contractor shall take immediate actions required to seal such openings when rain or other detrimental weather is imminent, and at the end of each workday; and ensure that the openings are completely sealed off to protect materials and equipment in the building from damage.

The provisions of this subparagraph take precedence over any similar provisions contained in the technical specifications.

§ 10.2.2 The Contractor shall comply with and give notices required by applicable laws, statutes, ordinances, codes, rules and regulations, and lawful orders of public authorities bearing on safety of persons or property or their protection from damage, injury or loss.

§ 10.2.3 The Contractor shall erect and maintain, as required by existing conditions and performance of the Contract, reasonable safeguards for safety and protection, including posting danger signs and other warnings against hazards, promulgating safety regulations and notifying owners and users of adjacent sites and utilities.

§ 10.2.4 When use or storage of explosives or other hazardous materials or equipment or unusual methods are necessary for execution of the Work, the Contractor shall exercise utmost care and carry on such activities under supervision of properly qualified personnel.

§ 10.2.5 The Contractor shall promptly remedy damage and loss (other than damage or loss insured under property insurance required by the Contract Documents) to property referred to in Sections 10.2.1.2 and 10.2.1.3 caused in whole or in part by the Contractor, a Subcontractor, a Sub-subcontractor, or anyone directly or indirectly employed by any of them, or by anyone for whose acts they may be liable and for which the Contractor is responsible under Sections 10.2.1.2 and 10.2.1.3, except damage or loss attributable to acts or omissions of the Owner or Architect or anyone directly or indirectly employed by either of them, or by anyone for whose acts either of them may be liable, and not attributable to the fault or negligence of the Contractor. The foregoing obligations of the Contractor are in addition to the Contractor's obligations under Section 3.18.

§ 10.2.6 The Contractor shall designate a responsible member of the Contractor's organization at the site whose duty shall be the prevention of accidents. This person shall be the Contractor's superintendent unless otherwise designated by the Contractor in writing to the Owner and Architect.

§ 10.2.7 The Contractor shall not permit any part of the construction or site to be loaded so as to cause damage or create an unsafe condition.

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§ 10.2.8 INJURY OR DAMAGE TO PERSON OR PROPERTY

If either party suffers injury or damage to person or property because of an act or omission of the other party, or of others for whose acts such party is legally responsible, written notice of such injury or damage, whether or not insured, shall be given to the other party within a reasonable time not exceeding 21 days after discovery. The notice shall provide sufficient detail to enable the other party to investigate the matter.

§ 10.3 HAZARDOUS MATERIALS

§ 10.3.1 The Contractor is responsible for compliance with any requirements included in the Contract Documents regarding hazardous materials. If the Contractor encounters a hazardous material or substance not addressed in the Contract Documents and if reasonable precautions will be inadequate to prevent foreseeable bodily injury or death to persons resulting from a material or substance, including but not limited to asbestos or polychlorinated biphenyl (PCB), encountered on the site by the Contractor, the Contractor shall, upon recognizing the condition, immediately stop Work in the affected area and report the condition to the Owner and Architect in writing.

§ 10.3.2 Upon receipt of the Contractor's written notice, the Owner shall obtain the services of a licensed laboratory to verify the presence or absence of the material or substance reported by the Contractor and, in the event such material or substance is found to be present, to cause it to be rendered harmless. Unless otherwise required by the Contract Documents, the Owner shall furnish in writing to the Contractor and Architect the names and qualifications of persons or entities who are to perform tests verifying the presence or absence of such material or substance or who are to perform the task of removal or safe containment of such material or substance. The Contractor and the Architect will promptly reply to the Owner in writing stating whether or not either has reasonable objection to the persons or entities proposed by the Owner. ~~If either the Contractor or Architect has an objection to a person or entity proposed by the Owner, the Owner shall propose another to whom the Contractor and the Architect have no reasonable objection.~~ Owner. When the material or substance has been rendered harmless, Work in the affected area shall resume upon written agreement of the Owner ~~direction by the City~~ and Contractor. By Change Order, the Contract Time shall be extended appropriately and the Contract Sum shall be increased in the amount of the Contractor's reasonable additional costs of shut-down, delay and start-up.

~~§ 10.3.3 To the fullest extent permitted by law, the Owner shall indemnify and hold harmless the Contractor, Subcontractors, Architect, Architect's consultants and agents and employees of any of them from and against claims, damages, losses and expenses, including but not limited to attorneys' fees, arising out of or resulting from performance of the Work in the affected area if in fact the material or substance presents the risk of bodily injury or death as described in Section 10.3.1 and has not been rendered harmless, provided that such claim, damage, loss or expense is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property (other than the Work itself), except to the extent that such damage, loss or expense is due to the fault or negligence of the party seeking indemnity.~~

§ 10.3.3. Intentionally Omitted

§ 10.3.4 The Owner shall not be responsible under this Section 10.3 for materials or substances the Contractor brings to the site ~~unless such materials or substances are required by the Contract Documents.~~ site. The Owner shall be responsible for materials or substances required by the Contract Documents, except to the extent of the Contractor's fault or negligence in the use and handling of such materials or substances.

§ 10.3.5 The Contractor shall indemnify the Owner for the cost and expense the Owner incurs (1) for remediation of a material or substance the Contractor brings to the site and negligently handles, or (2) where the Contractor fails to perform its obligations under Section 10.3.1, except to the extent that the cost and expense are due to the Owner's fault or negligence.

§ 10.3.6 If, without negligence on the part of the Contractor, the Contractor is held liable by a government agency for the cost of remediation of a hazardous material or substance solely by reason of performing Work as required by the Contract Documents, the Owner shall indemnify the Contractor for all cost and expense thereby incurred.

§ 10.4 EMERGENCIES

In an emergency affecting safety of persons or property, the Contractor shall act, at the Contractor's discretion, to prevent threatened damage, injury or loss. Additional compensation or extension of time claimed by the Contractor on account of an emergency shall be determined as provided in Article 15 and Article 7.

§ 10.4.1 EMERGENCY CONDITIONS

The issuance of a Declaration of Emergency conditions by any authorized government official may result in the suspension of the Work under the Contract and/or the ordering by the City of additional work. The Contractor shall make available to the City, during the time of the declared emergency, labor and equipment for such services under the terms and conditions of the Contract. Labor and equipment rates shall not exceed FEMA reimbursable rates for the Hampton Roads area. Failure to comply with such emergency directives may result in termination of the Contract by reason of non-compliance.

ARTICLE 11 INSURANCE AND BONDS

§ 11.1 CONTRACTOR'S LIABILITY INSURANCE

See Subparagraphs 3.18.1 and 10.3.1

§ 11.1.1 The Contractor shall purchase from and maintain in a company or companies lawfully authorized to do business in the jurisdiction in which the Project is located such insurance as will protect the Contractor from claims set forth below which may arise out of or result from the Contractor's operations and completed operations under the Contract and for which the Contractor may be legally liable, whether such operations be by the Contractor or by a Subcontractor or by anyone directly or indirectly employed by any of them, or by anyone for whose acts any of them may be liable:

- .1 Claims under workers' compensation, disability benefit and other similar employee benefit acts that are applicable to the Work to be performed;
- .2 Claims for damages because of bodily injury, occupational sickness or disease, or death of the Contractor's employees;
- .3 Claims for damages because of bodily injury, sickness or disease, or death of any person other than the Contractor's employees;
- .4 Claims for damages insured by usual personal injury liability coverage;
- .5 Claims for damages, other than to the Work itself, because of injury to or destruction of tangible property, including loss of use resulting therefrom;
- .6 Claims for damages because of bodily injury, death of a person or property damage arising out of ownership, maintenance or use of a motor vehicle;
- .7 Claims for bodily injury or property damage arising out of completed operations; and
- .8 Claims involving contractual liability insurance applicable to the Contractor's obligations under Section 3.18.

§ 11.1.2 ~~The insurance required by Section 11.1.1 shall be written for not less than limits of liability specified in the Contract Documents or required by law, whichever coverage is greater. Coverages, whether written on an occurrence or All liability policies shall be written in an occurrence form unless otherwise specifically approved by the City.~~

The Contractor shall secure and maintain in force insurance, including malicious mischief and vandalism, with minimum acceptable amounts described below, naming the City as additional insured during the life of the Contract:

.1 Worker's Compensation	Statutory
Employer's Liability	\$200,000 per accident injury
.2 Commercial General Liability	Combined single limit \$3,000,000 or
	\$2,000,000 per occurrence
	\$3,000,000 per aggregate
	\$3,000,000 products & completed Operations

The Commercial General Liability Insurance required above shall include the following extensions of coverage:

- (1) The coverage shall be provided under a Comprehensive form of policy or similar thereto.

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(2) X.C.U. Coverage – If the Contract requires any work procedures involving blasting, excavating, tunneling or other underground work, the liability coverage shall include Standard Blasting or Explosion Coverage, Standard Collapse Coverage and Standard Underground Coverage, commonly referred to as XCU liability coverage with limits of \$500,000 per occurrence and \$1,000,000 aggregate.

(3) Broad Form Property Damage Endorsement

(4) Contractual Liability coverage shall be included

(5) Protective Liability coverage shall be included to protect the Contractor against claims arising out of operations performed by its Subcontractors

(6) Products Liability and/or Completed Operations coverage shall be included

.3 Comprehensive Automobile Liability including owned, non-owned and hired vehicles:

<u>Combined Single Limit each accident</u>	<u>\$2,000,000</u>
<u>Bodily Injured</u>	<u>\$1,000,000 per person</u>
	<u>\$2,000,000 per occurrence</u>
	<u>\$2,000,000 aggregate</u>
<u>Property Damage</u>	<u>\$500,000 per occurrence</u>

.4 Environmental Impairment Liability Insurance. If applicable, as determined by the City, the Contractor shall procure and maintain during the life of the Contract Environmental Impairment Liability Insurance, which shall protect against all claims and costs including, but not limited to, bodily injury or property damage claims (including clean-up costs) caused by pollution conditions, as herein defined, arising from the contracted work. Pollution conditions means the discharge, dispersal, release or escape of smoke vapor, soot, fumes, acids, alkalis, toxic chemicals, liquids, gases, waste materials or other irritants, contaminants, or pollutants into or upon land, the atmosphere or any watercourse or body of water, which results in bodily injury or property damage. The policy limits will be determined by the City and specified in the Contract Documents or as prescribed by City, State or Federal law/regulations. Coverages, written on a claims-made basis, shall be maintained without interruption from the date of commencement of the Work until at least one year following the date of final payment and termination of any coverage required to be maintained after final payment, and, with respect to the Contractor's completed operations coverage, until the expiration of the period for correction of Work or for such other period for maintenance of completed operations coverage as specified in the Contract Documents.

§ 11.1.3 All insurance policies required hereunder shall contain an express provision therein, or endorsement attached thereto, worded substantially as follows:

"This is not to be cancelled or become subject to reduction of coverage prior to thirty days after the insured has received written notice mailed to the address noted hereinbefore, as evidenced by return receipt of registered letter."

All insurance certificates and/or policies shall designate the City of Norfolk, its employees, and its agents as "additional insured" regarding the contracted Work.

Certificates of Insurance issued by companies licensed within the Commonwealth of Virginia shall provide the designed insurance.

Contractor shall notify the City in writing within 10 days after receiving notice of any cancellation or reduction in coverage.

Certificates of insurance acceptable to the Owner shall be filed with the Owner prior to commencement of the Work and thereafter upon renewal or replacement of each required policy of insurance. These certificates and the insurance policies required by this Section 11.1 shall contain a provision that coverages afforded under the policies will not be canceled or allowed to expire until at least 30 days' prior written notice has been given to the Owner. An additional certificate evidencing continuation of liability coverage, including coverage for completed operations, shall be submitted with the final Application for Payment as required by Section 9.10.2 and thereafter upon renewal or replacement of such coverage until the expiration of the time required by Section 11.1.2. Information concerning reduction of coverage on account of revised limits or claims paid under the General Aggregate, or both, shall be furnished by the Contractor with reasonable promptness.

~~§ 11.1.4 The Contractor shall cause the commercial liability coverage required by the Contract Documents to include (1) the Owner, the Architect and the Architect's consultants as additional insureds for claims caused in whole or in part by the Contractor's negligent acts or omissions during the Contractor's operations; and (2) the Owner as an additional insured for claims caused in whole or in part by the Contractor's negligent acts or omissions during the Contractor's completed operations. **SUBCONTRACTOR'S INSURANCE.** The Contractor shall require all subcontractors to secure and maintain in force containing the same coverage and amounts as described in Subparagraph 11.1.2..~~

§ 11.2 OWNER'S LIABILITY INSURANCE

~~The Owner shall be responsible for purchasing and maintaining the Owner's usual liability insurance.~~
Intentionally Omitted

§ 11.3 PROPERTY INSURANCE

~~§ 11.3.1 Until the work is completed and accepted by the City, the Contractor shall purchase and maintain a Builder's Risk or property insurance as is appropriate upon the entire work at the Site to the full insurable value thereof. Unless otherwise provided, the Owner shall purchase and maintain, in a company or companies lawfully authorized to do business in the jurisdiction in which the Project is located, property insurance written on a builder's risk "all-risk" or equivalent policy form in the amount of the initial Contract Sum, plus value of subsequent Contract Modifications and cost of materials supplied or installed by others, comprising total value for the entire Project at the site on a replacement cost basis without optional deductibles. Such property insurance shall be maintained, unless otherwise provided in the Contract Documents or otherwise agreed in writing by all persons and entities who are beneficiaries of such insurance, until final payment has been made as provided in Section 9.10 or until no person or entity other than the Owner has an insurable interest in the property required by this Section 11.3 to be covered, whichever is later. This insurance shall include interests of the Owner, the Contractor, Subcontractors and Sub-subcontractors in the Project.~~

~~§ 11.3.1.1 Property insurance shall be on an "all-risk" or equivalent policy form and shall include, without limitation, insurance against the perils of fire (with extended coverage) and physical loss or damage including, without duplication of coverage, theft, vandalism, malicious mischief, collapse, earthquake, flood, windstorm, falsework, testing and startup, temporary buildings and debris removal including demolition occasioned by enforcement of any applicable legal requirements, and shall cover reasonable compensation for Architect's and Contractor's services and expenses required as a result of such insured loss.~~

~~§ 11.3.1.2 If the Owner does not intend to purchase such property insurance required by the Contract and with all of the coverages in the amount described above, the Owner shall so inform the Contractor in writing prior to commencement of the Work. The Contractor may then effect insurance that will protect the interests of the Contractor, Subcontractors and Sub-subcontractors in the Work, and by appropriate Change Order the cost thereof shall be charged to the Owner. If the Contractor is damaged by the failure or neglect of the Owner to purchase or maintain insurance as described above, without so notifying the Contractor in writing, then the Owner shall bear all reasonable costs properly attributable thereto.~~

~~§ 11.3.1.3 If the property insurance requires deductibles, the Owner shall pay costs not covered because of such deductibles.~~

~~§ 11.3.1.4 This property insurance shall cover portions of the Work stored off the site, and also portions of the Work in transit.~~

~~§ 11.3.1.5 Partial occupancy or use in accordance with Section 9.9 shall not commence until the insurance company or companies providing property insurance have consented to such partial occupancy or use by endorsement or otherwise. The Owner and the Contractor shall take reasonable steps to obtain consent of the insurance company or companies and shall, without mutual written consent, take no action with respect to partial occupancy or use that would cause cancellation, lapse or reduction of insurance.~~

~~§ 11.3.1.1. Intentionally Omitted~~

~~§ 11.3.1.2. Intentionally Omitted~~

Init.

§ 11.3.1.3. Intentionally Omitted

§ 11.3.1.4. Intentionally Omitted

§ 11.3.1.5. Intentionally Omitted

§ 11.3.2 BOILER AND MACHINERY INSURANCE

~~The Owner shall purchase and maintain boiler and machinery insurance required by the Contract Documents or by law, which shall specifically cover such insured objects during installation and until final acceptance by the Owner; this insurance shall include interests of the Owner, Contractor, Subcontractors and Sub-subcontractors in the Work, and the Owner and Contractor shall be named insureds.~~ Intentionally Omitted

§ 11.3.3 LOSS OF USE INSURANCE

The Owner, at the Owner's option, may purchase and maintain such insurance as will insure the Owner against loss of use of the Owner's property due to fire or other hazards, however caused. The Owner waives all rights of action against the Contractor for loss of use of the Owner's property, including consequential losses due to fire or other hazards however caused.

§ 11.3.4 If the Contractor requests in writing that insurance for risks other than those described herein or other special causes of loss be included in the property insurance policy, the Owner shall, if possible, include such insurance, and the cost thereof shall be charged to the Contractor by appropriate Change Order.

§ 11.3.5 If during the Project construction period the Owner insures properties, real or personal or both, at or adjacent to the site by property insurance under policies separate from those insuring the Project, or if after final payment property insurance is to be provided on the completed Project through a policy or policies other than those insuring the Project during the construction period, the Owner shall waive all rights in accordance with the terms of Section 11.3.7 for damages caused by fire or other causes of loss covered by this separate property insurance. All separate policies shall provide this waiver of subrogation by endorsement or otherwise.

§ 11.3.6 Before an exposure to loss may occur, the Owner shall file with the Contractor a copy of each policy that includes insurance coverages required by this Section 11.3. Each policy shall contain all generally applicable conditions, definitions, exclusions and endorsements related to this Project. Each policy shall contain a provision that the policy will not be canceled or allowed to expire, and that its limits will not be reduced, until at least 30 days' prior written notice has been given to the Contractor.

§ 11.3.7 WAIVERS OF SUBROGATION

The Owner and Contractor waive all rights against (1) each other and any of their subcontractors, sub-subcontractors, agents and employees, each of the other, and (2) the Architect, Architect's consultants, separate contractors described in Article 6, if any, and any of their subcontractors, sub-subcontractors, agents and employees, for damages caused by fire or other causes of loss to the extent covered by property insurance obtained pursuant to this Section 11.3 or other property insurance applicable to the Work, except such rights as they have to proceeds of such insurance held by the Owner as fiduciary. The Owner or Contractor, as appropriate, shall require of the Architect, Architect's consultants, separate contractors described in Article 6, if any, and the subcontractors, sub-subcontractors, agents and employees of any of them, by appropriate agreements, written where legally required for validity, similar waivers each in favor of other parties enumerated herein. The policies shall provide such waivers of subrogation by endorsement or otherwise. A waiver of subrogation shall be effective as to a person or entity even though that person or entity would otherwise have a duty of indemnification, contractual or otherwise, did not pay the insurance premium directly or indirectly, and whether or not the person or entity had an insurable interest in the property damaged.

§ 11.3.8 A loss insured under the Owner's property insurance shall be adjusted by the Owner as fiduciary and made payable to the Owner as fiduciary for the insureds, as their interests may appear, subject to requirements of any applicable mortgagee clause and of Section 11.3.10. The Contractor shall pay Subcontractors their just shares of insurance proceeds received by the Contractor, and by appropriate agreements, written where legally required for validity, shall require Subcontractors to make payments to their Sub-subcontractors in similar manner.

§ 11.3.9 If required in writing by a party in interest, the Owner as fiduciary shall, upon occurrence of an insured loss, give bond for proper performance of the Owner's duties. The cost of required bonds shall be charged against proceeds received as fiduciary. The Owner shall deposit in a separate account proceeds so received, which the Owner shall distribute in accordance with such agreement as the parties in interest may reach, or as determined in accordance with the method of binding dispute resolution selected in the Agreement between the Owner and Contractor. If after such loss no other special agreement is made and unless the Owner terminates the Contract for convenience, replacement of damaged property shall be performed by the Contractor after notification of a Change in the Work in accordance with Article 7.

§ 11.3.10 The Owner as fiduciary shall have power to adjust and settle a loss with insurers unless one of the parties in interest shall object in writing within five days after occurrence of loss to the Owner's exercise of this power; if such objection is made, the dispute shall be resolved in the manner selected by the Owner and Contractor as the method of binding dispute resolution in the Agreement. If the Owner and Contractor have selected arbitration as the method of binding dispute resolution, the Owner as fiduciary shall make settlement with insurers or, in the case of a dispute over distribution of insurance proceeds, in accordance with the directions of the arbitrators.

§ 11.4 PERFORMANCE BOND AND PAYMENT BOND

§ 11.4.1 The Owner shall have the right to require the Contractor to furnish bonds covering faithful performance of the Contract and payment of obligations arising thereunder as stipulated in bidding requirements or specifically required in the Contract Documents on the date of execution of the Contract.

§ 11.4.2 Upon the request of any person or entity appearing to be a potential beneficiary of bonds covering payment of obligations arising under the Contract, the Contractor shall promptly furnish a copy of the bonds or shall authorize a copy to be furnished. A Performance and Payment Bond Rider is required for all Change Orders that are in the amount of \$100,000 or greater; or, if the aggregate total of multiple Change Orders is equal to or greater than \$100,000.

ARTICLE 12 UNCOVERING AND CORRECTION OF WORK

§ 12.1 UNCOVERING OF WORK

§ 12.1.1 If a portion of the Work is covered contrary to the Architect's request or to requirements specifically expressed in the Contract Documents, it must, if requested in writing by the Architect, be uncovered for the Architect's examination and be replaced at the Contractor's expense without change in the Contract Time.

§ 12.1.2 If a portion of the Work has been covered that the Architect has not specifically requested to examine prior to its being covered, the Architect may request to see such Work and it shall be uncovered by the Contractor. If such Work is in accordance with the Contract Documents, costs of uncovering and replacement shall, by appropriate Change Order, be at the Owner's expense. If such Work is not in accordance with the Contract Documents, such costs and the cost of correction shall be at the Contractor's expense unless the condition was caused by the Owner or a separate contractor in which event the Owner shall be responsible for payment of such costs.

§ 12.2 CORRECTION OF WORK

§ 12.2.1 BEFORE OR AFTER SUBSTANTIAL COMPLETION

The Contractor shall promptly correct Work rejected by the Architect or failing to conform to the requirements of the Contract Documents, whether discovered before or after Substantial Completion and whether or not fabricated, installed or completed. Costs of correcting such rejected Work, including additional testing and inspections, the cost of uncovering and replacement, and compensation for the Architect's services and expenses made necessary thereby, shall be at the Contractor's expense.

§ 12.2.2 AFTER SUBSTANTIAL COMPLETION

§ 12.2.2.1 In addition to the Contractor's obligations under Section 3.5, if, within one year after the date of Substantial Completion of the Work or designated portion thereof or after the date for commencement of warranties established under Section 9.9.1, or by terms of an applicable special warranty required by the Contract Documents, any of the Work is found to be not in accordance with the requirements of the Contract Documents, the Contractor shall correct it promptly after receipt of written notice from the Owner to do so unless the Owner has previously given the Contractor a written acceptance of such condition. The Owner shall give such notice promptly after discovery of the condition. During the one-year period for correction of Work, if the Owner fails to notify the Contractor and give the Contractor an opportunity to make the correction, the Owner waives the rights to require

correction by the Contractor and to make a claim for breach of warranty. If the Contractor fails to correct nonconforming Work within a reasonable time during that period after receipt of notice from the Owner or Architect, the Owner may correct it in accordance with Section 2.4.

§ 12.2.2.2 The one-year period for correction of Work shall be extended with respect to portions of Work first performed after Substantial Completion by the period of time between Substantial Completion and the actual completion of that portion of the Work.

~~§ 12.2.2.3 The one-year period for correction of Work shall not be extended by corrective Work performed by the Contractor pursuant to this Section 12.2.~~

§ 12.2.2.3. Intentionally Omitted

§ 12.2.3 The Contractor shall remove from the site portions of the Work that are not in accordance with the requirements of the Contract Documents and are neither corrected by the Contractor nor accepted by the Owner.

§ 12.2.4 The Contractor shall bear the cost of correcting destroyed or damaged construction, whether completed or partially completed, of the Owner or separate contractors caused by the Contractor's correction or removal of Work that is not in accordance with the requirements of the Contract Documents.

§ 12.2.5 Nothing contained in this Section 12.2 shall be construed to establish a period of limitation with respect to other obligations the Contractor has under the Contract Documents. Establishment of the one-year period for correction of Work as described in Section 12.2.2 relates only to the specific obligation of the Contractor to correct the Work, and has no relationship to the time within which the obligation to comply with the Contract Documents may be sought to be enforced, nor to the time within which proceedings may be commenced to establish the Contractor's liability with respect to the Contractor's obligations other than specifically to correct the Work.

§ 12.3 ACCEPTANCE OF NONCONFORMING WORK

If the Owner prefers to accept Work that is not in accordance with the requirements of the Contract Documents, the Owner may do so instead of requiring its removal and correction, in which case the Contract Sum will be reduced as appropriate and equitable. Such adjustment shall be effected whether or not final payment has been made.

ARTICLE 13 MISCELLANEOUS PROVISIONS

§ 13.1 GOVERNING LAW

The Contract shall be governed by the law of the place where the Project is located except that, if the parties have selected arbitration as the method of binding dispute resolution, the Federal Arbitration Act shall govern Section 15.4.

§ 13.2 SUCCESSORS AND ASSIGNS

§ 13.2.1 The Owner and Contractor respectively bind themselves, their partners, successors, assigns and legal representatives to covenants, agreements and obligations contained in the Contract Documents. Except as provided in Section 13.2.2, neither party to the Contract shall assign the Contract as a whole without written consent of the other. If either party attempts to make such an assignment without such consent, that party shall nevertheless remain legally responsible for all obligations under the Contract.

§ 13.2.2 The Owner may, without consent of the Contractor, assign the Contract to a lender providing construction financing for the Project, if the lender assumes the Owner's rights and obligations under the Contract Documents. The Contractor shall execute all consents reasonably required to facilitate such assignment.

§ 13.3 WRITTEN NOTICE

Written notice shall be deemed to have been duly served if delivered in person to the individual, to a member of the firm or entity, or to an officer of the corporation for which it was intended; or if delivered at, or sent by registered or certified mail or by courier service providing proof of delivery to, the last business address known to the party giving notice.

§ 13.4 RIGHTS AND REMEDIES

§ 13.4.1 Duties and obligations imposed by the Contract Documents and rights and remedies available thereunder shall be in addition to and not a limitation of duties, obligations, rights and remedies otherwise imposed or available by law.

§ 13.4.2 No action or failure to act by the Owner, Architect or Contractor shall constitute a waiver of a right or duty afforded them under the Contract, nor shall such action or failure to act constitute approval of or acquiescence in a breach there under, except as may be specifically agreed in writing.

§ 13.5 TESTS AND INSPECTIONS

§ 13.5.1 Tests, inspections and approvals of portions of the Work shall be made as required by the Contract Documents and by applicable laws, statutes, ordinances, codes, rules and regulations or lawful orders of public authorities. Unless otherwise provided, the Contractor shall make arrangements for such tests, inspections and approvals with an independent testing laboratory or entity acceptable to the Owner, or with the appropriate public authority, and shall bear all related costs of tests, inspections and approvals. The Contractor shall give the Architect timely notice of when and where tests and inspections are to be made so that the Architect may be present for such procedures. The Owner shall bear costs of (1) tests, inspections or approvals that do not become requirements until after bids are received or negotiations concluded, and (2) tests, inspections or approvals where building codes or applicable laws or regulations prohibit the Owner from delegating their cost to the Contractor.

§ 13.5.2 If the Architect, Owner or public authorities having jurisdiction determine that portions of the Work require additional testing, inspection or approval not included under Section 13.5.1, the Architect will, upon written authorization from the Owner, instruct the Contractor to make arrangements for such additional testing, inspection or approval by an entity acceptable to the Owner, and the Contractor shall give timely notice to the Architect of when and where tests and inspections are to be made so that the Architect may be present for such procedures. Such costs, except as provided in Section 13.5.3, shall be at the Owner's expense.

§ 13.5.3 If such procedures for testing, inspection or approval under Sections 13.5.1 and 13.5.2 reveal failure of the portions of the Work to comply with requirements established by the Contract Documents, all costs made necessary by such failure including those of repeated procedures and compensation for the Architect's services and expenses shall be at the Contractor's expense.

§ 13.5.4 Required certificates of testing, inspection or approval shall, unless otherwise required by the Contract Documents, be secured by the Contractor and promptly delivered to the Architect.

§ 13.5.5 If the Architect is to observe tests, inspections or approvals required by the Contract Documents, the Architect will do so promptly and, where practicable, at the normal place of testing.

§ 13.5.6 Tests or inspections conducted pursuant to the Contract Documents shall be made promptly to avoid unreasonable delay in the Work.

§ 13.6 INTEREST

~~Payments due and unpaid under the Contract Documents shall bear interest from the date payment is due at such rate as the parties may agree upon in writing or, in the absence thereof, at the legal rate prevailing from time to time at the place where the Project is located.~~ Intentionally Omitted

§ 13.7 TIME LIMITS ON CLAIMS

The Owner and Contractor shall commence all claims and causes of action, whether in contract, tort, breach of warranty or otherwise, against the other arising out of or related to the Contract in accordance with the requirements of the final dispute resolution method selected in the Agreement within the time period specified by applicable law, but in any case not more than 10 years after the date of Substantial Completion of the Work. The Owner and Contractor waive all claims and causes of action not commenced in accordance with this Section 13.7.

ARTICLE 14 TERMINATION OR SUSPENSION OF THE CONTRACT

§ 14.1 TERMINATION BY THE CONTRACTOR

~~§ 14.1.1 The Contractor may terminate the Contract if the Work is stopped for a period of 30 consecutive days through no act or fault of the Contractor or a Subcontractor, Sub-subcontractor or their agents or employees or any~~

other persons or entities performing portions of the Work under direct or indirect contract with the Contractor, for any of the following reasons:

- .1 Issuance of an order of a court or other public authority having jurisdiction that requires all Work to be stopped;
- .2 An act of government, such as a declaration of national emergency that requires all Work to be stopped;
- .3 Because the Architect has not issued a Certificate for Payment and has not notified the Contractor of the reason for withholding certification as provided in Section 9.4.1, or because the Owner has not made payment on a Certificate for Payment within the time stated in the Contract Documents; or
- .4 The Owner has failed to furnish to the Contractor promptly, upon the Contractor's request, reasonable evidence as required by Section 2.2.1.

~~§ 14.1.2 The Contractor may terminate the Contract if, through no act or fault of the Contractor or a Subcontractor, Sub-subcontractor or their agents or employees or any other persons or entities performing portions of the Work under direct or indirect contract with the Contractor, repeated suspensions, delays or interruptions of the entire Work by the Owner as described in Section 14.3 constitute in the aggregate more than 100 percent of the total number of days scheduled for completion, or 120 days in any 365-day period, whichever is less.~~

~~§ 14.1.3 If one of the reasons described in Section 14.1.1 or 14.1.2 exists, the Contractor may, upon seven days' written notice to the Owner and Architect, terminate the Contract and recover from the Owner payment for Work executed, including reasonable overhead and profit, costs incurred by reason of such termination, and damages.~~

~~§ 14.1.4 If the Work is stopped for a period of 60 consecutive days through no act or fault of the Contractor or a Subcontractor or their agents or employees or any other persons performing portions of the Work under contract with the Contractor because the Owner has repeatedly failed to fulfill the Owner's obligations under the Contract Documents with respect to matters important to the progress of the Work, the Contractor may, upon seven additional days' written notice to the Owner and the Architect, terminate the Contract and recover from the Owner as provided in Section 14.1.3.~~

§ 14.1.1: Intentionally Omitted

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- .2 ;
- .3 ;
- .4 .

§ 14.1.2. Intentionally Omitted

§ 14.1.3. Intentionally Omitted

§ 14.1.4. Intentionally Omitted

§ 14.2 TERMINATION BY THE OWNER FOR CAUSE

§ 14.2.1 The Owner may terminate the Contract if the Contractor

- .1 repeatedly refuses or fails to supply enough properly skilled workers or proper materials;
- .2 fails to make payment to Subcontractors for materials or labor in accordance with the respective agreements between the Contractor and the Subcontractors;
- .3 repeatedly disregards applicable laws, statutes, ordinances, codes, rules and regulations, or lawful orders of a public authority; or
- .4 otherwise is guilty of substantial breach of a provision of the Contract Documents.

~~§ 14.2.2~~ When any of the above reasons exist, the Owner, ~~upon certification by the Initial Decision Maker that sufficient cause exists to justify such action,~~ may without prejudice to any other rights or remedies of the Owner and after giving the Contractor and the Contractor's surety, if any, seven days' written notice, terminate employment of the Contractor and may, subject to any prior rights of the surety:

- .1 Exclude the Contractor from the site and take possession of all materials, equipment, tools, and construction equipment and machinery thereon owned by the Contractor;
- .2 Accept assignment of subcontracts pursuant to Section 5.4; and

- .3 Finish the Work by whatever reasonable method the Owner may deem expedient. Upon written request of the Contractor, the Owner shall furnish to the Contractor a detailed accounting of the costs incurred by the Owner in finishing the Work.

§ 14.2.3 When the Owner terminates the Contract for one of the reasons stated in Section 14.2.1, the Contractor shall not be entitled to receive further payment until the Work is finished.

§ 14.2.4 If the unpaid balance of the Contract Sum exceeds costs of finishing the Work, including compensation for the Architect's services and expenses made necessary thereby, and other damages incurred by the Owner and not expressly waived, such excess shall be paid to the Contractor. If such costs and damages exceed the unpaid balance, the Contractor shall pay the difference to the Owner. The amount to be paid to the Contractor or Owner, as the case may be, shall be certified by the Initial Decision Maker, upon application, and this obligation for payment shall survive termination of the Contract.

§ 14.3 SUSPENSION BY THE OWNER FOR CONVENIENCE

§ 14.3.1 The Owner may, without cause, order the Contractor in writing to suspend, delay or interrupt the Work in whole or in part for such period of time as the Owner may determine.

§ 14.3.2 The Contract Sum and Contract Time shall be adjusted for increases in the cost and time caused by suspension, delay or interruption as described in Section 14.3.1. Adjustment of the Contract Sum shall include profit. No adjustment shall be made to the extent

- .1 that performance is, was or would have been so suspended, delayed or interrupted by another cause for which the Contractor is responsible; or
- .2 that an equitable adjustment is made or denied under another provision of the Contract.

§ 14.4 TERMINATION BY THE OWNER FOR CONVENIENCE

§ 14.4.1 The Owner may, at any time, terminate the Contract for the Owner's convenience and without cause.

§ 14.4.2 Upon receipt of written notice from the Owner of such termination for the Owner's convenience, the Contractor shall

- .1 cease operations as directed by the Owner in the notice;
- .2 take actions necessary, or that the Owner may direct, for the protection and preservation of the Work; and
- .3 except for Work directed to be performed prior to the effective date of termination stated in the notice, terminate all existing subcontracts and purchase orders and enter into no further subcontracts and purchase orders.

§ 14.4.3 In case of such termination for the Owner's convenience, the Contractor shall be entitled to receive payment for Work executed, and costs incurred by reason of such termination, along with reasonable overhead and profit on the Work not executed-executed and costs incurred from this termination.

ARTICLE 15 CLAIMS AND DISPUTES

§ 15.1 CLAIMS

§ 15.1.1 DEFINITION

A Claim is a demand or assertion by one of the parties seeking, as a matter of right, payment of money, or other relief with respect to the terms of the Contract. The term "Claim" also includes other disputes and matters in question between the Owner and Contractor arising out of or relating to the Contract. The responsibility to substantiate Claims shall rest with the party making the Claim.

§ 15.1.2 NOTICE OF CLAIMS

Claims by either the Owner or Contractor must be initiated by written notice to the other party and to the Initial Decision Maker with a copy sent to the Architect, if the Architect is not serving as the Initial Decision Maker. Claims by either party must be initiated within 21 days after occurrence of the event giving rise to such Claim or within 21 days after the claimant first recognizes the condition giving rise to the Claim, whichever is later.

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§ 15.1.3 CONTINUING CONTRACT PERFORMANCE

Pending final resolution of a Claim, except as otherwise agreed in writing or as provided in Section 9.7 and Article 14, the Contractor shall proceed diligently with performance of the Contract and the Owner shall continue to make payments in accordance with the Contract Documents. The Architect will prepare Change Orders and issue Certificates for Payment in accordance with the decisions of the Initial Decision Maker.

§ 15.1.4 CLAIMS FOR ADDITIONAL COST

If the Contractor wishes to make a Claim for an increase in the Contract Sum, written notice as provided herein shall be given before proceeding to execute the Work. Prior notice is not required for Claims relating to an emergency endangering life or property arising under Section 10.4.

§ 15.1.5 CLAIMS FOR ADDITIONAL TIME

§ 15.1.5.1 If the Contractor wishes to make a Claim for an increase in the Contract Time, written notice as provided herein shall be given. The Contractor's Claim shall include an estimate of cost and of probable effect of delay on progress of the Work. In the case of a continuing delay, only one Claim is necessary.

§ 15.1.5.2 If adverse weather conditions are the basis for a Claim for additional time, such Claim shall be documented by data substantiating that weather conditions were abnormal for the period of time, could not have been reasonably anticipated and had an adverse effect on the scheduled construction.

§ 15.1.6 CLAIMS FOR CONSEQUENTIAL DAMAGES

The Contractor and Owner waive Claims against each other for consequential damages arising out of or relating to this Contract. This mutual waiver includes

- .1 damages incurred by the Owner for rental expenses, for losses of use, income, profit, financing, business and reputation, and for loss of management or employee productivity or of the services of such persons; and
- .2 damages incurred by the Contractor for principal office expenses including the compensation of personnel stationed there, for losses of financing, business and reputation, and for loss of profit except anticipated profit arising directly from the Work.

This mutual waiver is applicable, without limitation, to all consequential damages due to either party's termination in accordance with Article 14. Nothing contained in this Section 15.1.6 shall be deemed to preclude an award of liquidated damages, when applicable, in accordance with the requirements of the Contract Documents.

§ 15.2 INITIAL DECISION

§ 15.2.1 Decision of Owner. Claims, excluding those arising under Sections 10.3, 10.4, 11.3.9, and 11.3.10, shall be referred to the Initial Decision Maker for initial decision-~~evaluation and recommendation.~~ The Architect will serve as the Initial Decision Maker, unless otherwise indicated in the Agreement. Except for those Claims excluded by this Section 15.2.1, ~~an initial decision-a final decision by the Owner~~ shall be required as a condition precedent to ~~mediation of any Claim-litigation of all Claims between the Contractor and Owner~~ arising prior to the date final payment is due, unless 30 days have passed after the Claim has been referred to the ~~Initial Decision Maker Architect~~ with no decision having been rendered-rendered by the Owner. Unless the Initial Decision Maker and all affected parties agree, the Initial Decision Maker will not ~~decide-evaluate~~ disputes between the Contractor and persons or entities other than the Owner.

§ 15.2.2 The ~~Initial Decision Maker Architect~~ will review Claims and within ten days of the receipt of a ~~the~~ Claim take one or more of the following actions: (1) request additional supporting data from the claimant or a response with supporting data from the other party, (2) ~~reject-recommend rejection~~ of the Claim in whole or in part, (3) ~~approve-recommend approval~~ of the Claim, (4) ~~suggest-recommend~~ a compromise, or (5) advise the parties that the Initial Decision Maker is unable to resolve the Claim if the Initial Decision Maker lacks sufficient information to evaluate the merits of the Claim or if the Initial Decision Maker concludes that, in the Initial Decision Maker's sole discretion, it would be inappropriate for the Initial Decision Maker to resolve the Claim.

§ 15.2.3 In evaluating Claims, the Initial Decision Maker may, but shall not be obligated to, consult with or seek information from either party or from persons with special knowledge or expertise who may assist the Initial Decision Maker in rendering a decision. The Initial Decision Maker may request the Owner to authorize retention of such persons at the Owner's expense.

§ 15.2.4 If the Initial Decision Maker requests a party to provide a response to a Claim or to furnish additional supporting data, such party shall respond, within ten days after receipt of such request, and shall either (1) provide a response on the requested supporting data, (2) advise the Initial Decision Maker when the response or supporting data will be furnished or (3) advise the Initial Decision Maker that no supporting data will be furnished. Upon receipt of the response or supporting data, if any, the Initial Decision Maker will ~~either reject or approve~~ recommend either rejection or approval of the Claim in whole or in part.

§ 15.2.5 The Initial Decision Maker will ~~render an initial decision~~ recommend approving or rejecting the Claim, or indicating that the Initial Decision Maker is unable to resolve the Claim. This initial decision shall (1) be in writing; (2) state the reasons therefor; and (3) notify the parties and the Architect, if the Architect is not serving as the Initial Decision Maker, of any change in the Contract Sum or Contract Time or both. The ~~initial Owner's~~ decision shall be final and binding on the parties but subject to mediation and, if the parties fail to resolve their dispute through mediation, ~~to binding dispute resolution~~ subject to mediation or arbitration.

§ ~~15.2.6~~ Either party may file for mediation of an initial decision at any time, subject to the terms of Section 15.2.6.1.

§ ~~15.2.6.1~~ Either party may, within 30 days from the date of an initial decision, demand in writing that the other party file for mediation within 60 days of the initial decision. If such a demand is made and the party receiving the demand fails to file for mediation within the time required, then both parties waive their rights to mediate or pursue binding dispute resolution proceedings with respect to the initial decision.

§ 15.2.6. Intentionally Omitted

§ 15.2.6.1. Intentionally Omitted

§ 15.2.7 In the event of a Claim against the Contractor, the Owner may, but is not obligated to, notify the surety, if any, of the nature and amount of the Claim. If the Claim relates to a possibility of a Contractor's default, the Owner may, but is not obligated to, notify the surety and request the surety's assistance in resolving the controversy.

§ 15.2.8 If a Claim relates to or is the subject of a mechanic's lien, the party asserting such Claim may proceed in accordance with applicable law to comply with the lien notice or filing deadlines.

§ 15.3 MEDIATION

§ ~~15.3.1~~ Claims, disputes, or other matters in controversy arising out of or related to the Contract except those waived as provided for in Sections 9.10.4, 9.10.5, and 15.1.6 shall be subject to mediation as a condition precedent to binding dispute resolution.

§ ~~15.3.2~~ The parties shall endeavor to resolve their Claims by mediation which, unless the parties mutually agree otherwise, shall be administered by the American Arbitration Association in accordance with its Construction Industry Mediation Procedures in effect on the date of the Agreement. A request for mediation shall be made in writing, delivered to the other party to the Contract, and filed with the person or entity administering the mediation. The request may be made concurrently with the filing of binding dispute resolution proceedings but, in such event, mediation shall proceed in advance of binding dispute resolution proceedings, which shall be stayed pending mediation for a period of 60 days from the date of filing, unless stayed for a longer period by agreement of the parties or court order. If an arbitration is stayed pursuant to this Section 15.3.2, the parties may nonetheless proceed to the selection of the arbitrator(s) and agree upon a schedule for later proceedings.

§ ~~15.3.3~~ The parties shall share the mediator's fee and any filing fees equally. The mediation shall be held in the place where the Project is located, unless another location is mutually agreed upon. Agreements reached in mediation shall be enforceable as settlement agreements in any court having jurisdiction thereof.

§ 15.3.1. Intentionally Omitted

§ 15.3.2. Intentionally Omitted

§ 15.3.3. Intentionally Omitted

§ 15.4 ARBITRATION

~~§ 15.4.1~~ If the parties have selected arbitration as the method for binding dispute resolution in the Agreement, any Claim subject to, but not resolved by, mediation shall be subject to arbitration which, unless the parties mutually agree otherwise, shall be administered by the American Arbitration Association in accordance with its Construction Industry Arbitration Rules in effect on the date of the Agreement. A demand for arbitration shall be made in writing, delivered to the other party to the Contract, and filed with the person or entity administering the arbitration. The party filing a notice of demand for arbitration must assert in the demand all Claims then known to that party on which arbitration is permitted to be demanded.

~~§ 15.4.1.1~~ A demand for arbitration shall be made no earlier than concurrently with the filing of a request for mediation, but in no event shall it be made after the date when the institution of legal or equitable proceedings based on the Claim would be barred by the applicable statute of limitations. For statute of limitations purposes, receipt of a written demand for arbitration by the person or entity administering the arbitration shall constitute the institution of legal or equitable proceedings based on the Claim.

~~§ 15.4.2~~ The award rendered by the arbitrator or arbitrators shall be final, and judgment may be entered upon it in accordance with applicable law in any court having jurisdiction thereof.

~~§ 15.4.3~~ The foregoing agreement to arbitrate and other agreements to arbitrate with an additional person or entity duly consented to by parties to the Agreement shall be specifically enforceable under applicable law in any court having jurisdiction thereof.

§ 15.4.1. Intentionally Omitted

§ 15.4.1.1. Intentionally Omitted

§ 15.4.2. Intentionally Omitted

§ 15.4.3. Intentionally Omitted

§ 15.4.4 CONSOLIDATION OR JOINDER

~~§ 15.4.4.1~~ Either party, at its sole discretion, may consolidate an arbitration conducted under this Agreement with any other arbitration to which it is a party provided that (1) the arbitration agreement governing the other arbitration permits consolidation, (2) the arbitrations to be consolidated substantially involve common questions of law or fact, and (3) the arbitrations employ materially similar procedural rules and methods for selecting arbitrator(s).

~~§ 15.4.4.2~~ Either party, at its sole discretion, may include by joinder persons or entities substantially involved in a common question of law or fact whose presence is required if complete relief is to be accorded in arbitration, provided that the party sought to be joined consents in writing to such joinder. Consent to arbitration involving an additional person or entity shall not constitute consent to arbitration of any claim, dispute or other matter in question not described in the written consent.

§ 15.4.4.1. Intentionally Omitted

§ 15.4.4.2. Intentionally Omitted

§ 15.4.4.3. Intentionally Omitted

PART II

1. SCHEDULES AND REPORTS

Contractor shall submit for approval the following items in four (4) copies prior to commencing the Work:

- a. A complete, detailed construction progress schedule in weekly increments, showing anticipated start and completion of all sections of the Work. Also, see sections 3, 10 and 3.10.1.
- b. A complete list of Subcontractors.
- c. A breakdown of the Project contract price for use in processing monthly requisitions.
- d. A projection of contract's monthly cash flow requirements for the duration of the Project.
- e. The above requirements may be waived for small projects at the discretion of the Engineer.

2. MINORITY PARTICIPATION

The Contractor shall notify the City in writing of the names of any minority and disadvantaged business subcontractors to be used on the Project, including the estimated dollar amount of such subcontract and the minority classification of such subcontractors. A minority and disadvantaged business is one that is at least 51% owned by an Asian American, African American, Hispanic, and American Indian, Eskimo, Aleut, or Female.

3. EROSION & SEDIMENT CONTROL

On construction projects that are required by the City's Erosion & Sediment control ordinance (City code Chapter 15) to have an approved erosion and sediment control plan, the Contractor shall be required to implement the approved plan and comply with all conditions of the plan. A copy of the approved plan and the Virginia Erosion and Sediment Control Handbook. (Third Edition, 1992) shall be kept at the City. If the Contractor determines that the approved plan cannot be effectively carried out, the Contractor shall be responsible for notifying the plan approving authority and requesting a plan amendment as provided for in the Virginia Erosion and Sediment Control Law (code of Virginia title 10.1, Chapter 5, Article 4, Section 10.1-563C).

4. RIGHT TO AUDIT

For cost-reimbursement contracts, change orders issued for fixed priced contracts or other contracts in excess of \$30,000, which include the provisions of services, the Contractor shall retain all books, records and other documents relative to this Contract for five (5) years after final payment or until audited by the Office of the City Auditors shall have full access to and the right to examine and duplicate any of said materials during said period.

§ 15.4.4.3 The Owner and Contractor grant to any person or entity made a party to an arbitration conducted under this Section 15.4, whether by joinder or consolidation, the same rights of joinder and consolidation as the Owner and Contractor under this Agreement.

init.



CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY)
02/09/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Aon Risk Services South, Inc. Franklin TN Office 501 Corporate Centre Drive Suite 300 Franklin TN 37067 USA	CONTACT NAME:		
	PHONE (A/C, No, Ext): (866) 283-7122	FAX (A/C, No.): (800) 363-0105	
E-MAIL ADDRESS:			
INSURER(S) AFFORDING COVERAGE		NAIC #	
INSURED Arcadis U.S, Inc. 630 Plaza Drive Suite 200 Highlands Ranch CO 80129 USA	INSURER A:	Lexington Insurance Company	19437
	INSURER B:	Steadfast Insurance Company	26387
	INSURER C:		
	INSURER D:		
	INSURER E:		
	INSURER F:		

Holder Identifier : M

COVERAGES CERTIFICATE NUMBER: 570065475181 REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. Limits shown are as requested

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:						EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION						EACH OCCURRENCE AGGREGATE
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A				<input type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT E.L. DISEASE-EA EMPLOYEE E.L. DISEASE-POLICY LIMIT
B	Env Contr Poll			IPR929693802 Professional & Pollution SIR applies per policy terms & conditions	06/01/2016	06/01/2017	Each Claim \$1,000,000 Annual Aggregate \$1,000,000

Certificate No : 570065475181

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
RE: Project Number: LA003368.0000. City of Norfolk, its employees and its agents are added as Additional Insured on the Pollution Liability policy as respects Liability arising out of activities by, or on behalf of the named Insured. For Professional Liability coverage, the Aggregate Limit is the total insurance available for claims presented within the policy period for all operations of the insured. The Limit will be reduced by payments of indemnity and expense.

CERTIFICATE HOLDER**CANCELLATION**

City of Norfolk Attn: Scott Smith 2233 McKann Avenue Norfolk VA 23509 USA	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE <i>Aon Risk Services South, Inc.</i>

Street, Boston MA 02110 or his or her representative, and that in any suit instituted against the Company upon this contract, the Company will abide by the final decision of such court or of any appellate court in the event of any appeal.

Further, pursuant to any statute of any state, territory, or district of the United States which makes provision therefor, the Company hereby designates the Superintendent, Commissioner, Director of Insurance, or other officer specified for that purpose in the statute, or his or her successor or successors in office as its true and lawful attorney upon whom may be served any lawful process in any action, suit or proceeding instituted by or on behalf of the **Insured** or any beneficiary hereunder arising out of this contract of insurance, and hereby designates the above named Counsel as the person to whom the said officer is authorized to mail such process or a true copy thereof.

K. INSPECTION

The Company shall be permitted but not obligated to inspect, sample, and monitor on a continuing basis the **Insured's** property or operations, at any time. Neither the Company's right to make inspections, sample, and monitor, nor the actual undertaking thereof nor any report thereon, shall constitute an undertaking, on behalf of the **Insured** or others, to determine or warrant that property or operations are safe, healthful or conform to acceptable engineering practice or are in compliance with any law, rule, or regulation.

L. SOLE AGENT

The **Named Insured** first listed in Item 1 of the Declarations shall act on behalf of all other **Insureds**, if any, for the payment or return of premium, receipt and acceptance of any endorsement issued to form a part of this Policy, and giving and receiving notice of cancellation or nonrenewal.

M. ASSIGNMENT

This Policy shall not be assigned without the prior written consent of the Company. Assignment of interest under this Policy shall not bind the Company until its consent is endorsed onto this Policy.

N. SUBROGATION

If there is a payment made by the Company, the Company shall be subrogated to all the **Insured's** rights of recovery against any person or organization. The **Insured** shall cooperate with the Company and do whatever is necessary to secure these rights. The **Insured** shall do nothing after a claim to waive or prejudice such rights. The Company agrees to waive this right of subrogation against the client of the **Insured** or other parties to the extent that the **Insured** had, prior to Claim, a written agreement to waive such rights.

O. CHANGES

Notice to any agent or knowledge possessed by any agent or by any other person shall not effect a waiver or a change in any part of this Policy or estop the Company from asserting any right under the terms of this Policy; nor shall the terms of this Policy be waived or changed, except by endorsement issued to form a part of this Policy.

P. CANCELLATION

This Policy is non-cancellable by either the **Named Insured** or the Company, except the Company can cancel this Policy for non-payment of premium. In the event the Company does cancel this Policy for non-payment of premium, the **Named Insured** shall be entitled to ten (10) days written notice of cancellation from the Company, at the address last known to the Company.

If the Company cancels, earned premium shall be computed pro rata.

Proof of mailing of any notice of cancellation shall be sufficient proof of notice. The effective date of cancellation terminates the **Policy Period**. Return of unearned premium is not a condition of cancellation. Unearned premium shall be returned by the Company as soon as practicable.

Q. ARBITRATION



CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY)
02/09/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Aon Risk Services South, Inc. Franklin TN Office 501 Corporate Centre Drive Suite 300 Franklin TN 37067 USA	CONTACT NAME: PHONE (A/C. No. Ext): (866) 283-7122 FAX (A/C. No.): 800-363-0105		
	E-MAIL ADDRESS:		
INSURER(S) AFFORDING COVERAGE		NAIC #	
INSURED Arcadis U.S, Inc. 630 Plaza Drive Suite 200 Highlands Ranch CO 80129 USA	INSURER A:	Greenwich Insurance Company	22322
	INSURER B:	XL Specialty Insurance Co	37885
	INSURER C:	XL Insurance America Inc	24554
	INSURER D:		
	INSURER E:		
	INSURER F:		

COVERAGES CERTIFICATE NUMBER: 570065475191 REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. Limits shown are as requested

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractual Liability GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC OTHER:			GEC001076115 SIR applies per policy terms & conditions	01/01/2017	01/01/2018	EACH OCCURRENCE	\$1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$1,000,000
							MED EXP (Any one person)	\$10,000
							PERSONAL & ADV INJURY	\$1,000,000
							GENERAL AGGREGATE	\$2,000,000
							PRODUCTS - COMP/OP AGG	\$2,000,000
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> Property Damage to <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS ONLY			AEC001075815 AOS	01/01/2017	01/01/2018	COMBINED SINGLE LIMIT (Ea accident)	\$1,000,000
							BODILY INJURY (Per person)	
							BODILY INJURY (Per accident)	
							PROPERTY DAMAGE (Per accident)	
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$10,000			UEC001075915	01/01/2017	01/01/2018	EACH OCCURRENCE	\$5,000,000
							AGGREGATE	\$5,000,000
C	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY <input type="checkbox"/> ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below			RWD943516311 AOS RWR943516711 AK, WI	01/01/2017	01/01/2018	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER	
B	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N N/A				01/01/2017	01/01/2018	E.L. EACH ACCIDENT	\$200,000
							E.L. DISEASE-EA EMPLOYEE	\$1,000,000
							E.L. DISEASE-POLICY LIMIT	\$1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 RE: Project Number: LA003368.0000. City of Norfolk, its employees and its agents are included as Additional Insured in accordance with the policy provisions of the General Liability and Automobile Liability policies. A waiver of subrogation is granted in favor of The Owner and Contractor, each other and any of their subcontractors, subcontractors, agents and employees, each of the other and the Architect, Architect's consultants, separate contractors if any and any of their subcontractors, sub-subcontractors, agents and employees in accordance with the policy provisions of the General Liability, Automobile Liability and Workers' Compensation policies. Umbrella Liability is Follow Form over the General Liability, Automobile Liability and workers' Compensation/Employers Liability coverages. XCU Coverage is included on the General Liability policy.

CERTIFICATE HOLDER City of Norfolk Attn: Scott Smith 2233 Mckann Avenue Norfolk VA 23509 USA	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE

Holder Identifier : FGH

Certificate No : 570065475191

ENDORSEMENT #

This endorsement, effective 12:01 a.m., January 1, 2017 forms a part of Policy No. AEC001075815 issued to ARCADIS U.S., INC. AND CALLISONRTKL INC. by XL Specialty Insurance Company - US.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

CANCELLATION NOTIFICATION TO OTHERS ENDORSEMENT

In the event coverage is cancelled for any statutorily permitted reason, other than nonpayment of premium, advanced written notice will be mailed or delivered to person(s) or entity(ies) according to the notification schedule shown below:

Name of Person(s) or Entity(ies)	Mailing Address:	Number of Days Advanced Notice of Cancellation:
AS PER SCHEDULE ON FILE WITH COMPANY	AS PER SCHEDULE ON FILE WITH COMPANY	30

All other terms and conditions of the Policy remain unchanged.

ENDORSEMENT #

This endorsement, effective 12:01 a.m., 01-01-2017 forms a part of
 Policy No. RWD9435163-11 issued to Arcadis U.S., Inc.
 by XL Insurance America, Inc.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

CANCELLATION NOTIFICATION TO OTHERS ENDORSEMENT

This endorsement modifies insurance provided under the following:

WORKERS' COMPENSATION AND EMPLOYERS' LIABILITY INSURANCE POLICY

In the event coverage is cancelled for any statutorily permitted reason, other than nonpayment of premium, advanced written notice will be mailed or delivered to person(s) or entity(ies) according to the notification schedule shown below:

Name of Person(s) or Entity(ies)	Mailing Address:	Number of Days Advanced Notice of Cancellation:
When required in a written agreement, per the most current schedule maintained by Aon Risk Services South, Inc. for Arcadis U.S., Inc., CallisonRTKL, Inc. and their subsidiaries furnished to XL Catlin 45 days prior to the effective date of cancellation.	On File	30

All other terms and conditions of the Policy remain unchanged.

This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated.

(The information below is required only when this endorsement is issued subsequent to preparation of the policy.)

Endorsement Effective 01-01-2017
 Insured Arcadis U.S., Inc.

Policy No. RWD9435163-11

Endorsement No.
 Premium Included

Insurance Company
 XL Insurance America, Inc.

Countersigned by  _____



CERTIFICATE OF PROPERTY INSURANCE

DATE (MM/DD/YYYY)
02/08/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

PRODUCER Aon Risk Services South, Inc. Franklin TN Office 501 Corporate Centre Drive Suite 300 Franklin TN 37067 USA	CONTACT NAME: PHONE (A/C. No. Ext): (866) 283-7122 FAX (A/C. No.): 800-363-0105	
	E-MAIL ADDRESS: PRODUCER CUSTOMER ID #: 570000005571	
INSURED Arcadis U.S, Inc. 630 Plaza Drive Suite 200 Highlands Ranch CO 80129 USA	INSURER(S) AFFORDING COVERAGE	
	INSURER A: Hudson Insurance Company	NAIC # 25054
	INSURER B:	
	INSURER C:	
	INSURER D:	
	INSURER E:	

COVERAGES **CERTIFICATE NUMBER:** 570065474231 **REVISION NUMBER:**

LOCATION OF PREMISES/ DESCRIPTION OF PROPERTY (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
RE: Project Number: LA003368.0000.

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE		POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YYYY)	POLICY EXPIRATION DATE (MM/DD/YYYY)	COVERED PROPERTY	LIMITS		
A	<input checked="" type="checkbox"/>	PROPERTY	HCS101831	01/01/2017	01/01/2018	BUILDING			
		CAUSES OF LOSS				DEDUCTIBLES	PERSONAL PROPERTY		
		BASIC				BUILDING	BUSINESS INCOME		
		BROAD				CONTENTS	EXTRA EXPENSE		
		SPECIAL					RENTAL VALUE		
		EARTHQUAKE					BLANKET BUILDING		
		WIND					BLANKET PERS PROP		
		FLOOD					<input checked="" type="checkbox"/> BLANKET BLDG & PP	\$1,000,000	
	<input checked="" type="checkbox"/>	ALL RISK-Subject to Exclusions					<input checked="" type="checkbox"/> Leased/Rented Equip	\$500,000	
	<input checked="" type="checkbox"/>	VP Deductible				\$10,000		<input checked="" type="checkbox"/> Valuable Papers Limit	\$5,000,000
	INLAND MARINE	TYPE OF POLICY							
	CAUSES OF LOSS	POLICY NUMBER							
	NAMED PERILS								
	CRIME								
	TYPE OF POLICY								
	BOILER & MACHINERY / EQUIPMENT BREAKDOWN								

SPECIAL CONDITIONS / OTHER COVERAGES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER City of Norfolk Attn: Scott Smith 2233 McKann Avenue Norfolk VA 23509 USA	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
---	--

Holder Identifier :
CERTIFICATE NUMBER: 570065474231