

June 27,2017

**SUBJECT: REQUEST FOR PROPOSALS FOR THE PERFORMANCE OF EXPERT PROFESSIONAL ASBESTOS AND LEAD ANALYSIS TECHNICAL SERVICES AS REQUESTED ON A “CALL-IN” BASIS DURING 2018 (RFP #49864)**

Dear Sir or Madam:

The Port Authority of New York and New Jersey (the “Authority”) is seeking Proposals in response to this Request for Proposals (RFP) for a Consultant to perform the subject services as requested on a “call-in” basis as part of the 2018 – 2021 Materials Engineering Consultant Program.

The scope of services to be performed under this Agreement are set forth in Attachment A of the Authority’s standard agreement (the “Agreement”) included herewith. You should carefully review this Agreement as it is the form of agreement that the Authority intends that you sign in the event of acceptance of your Proposal and forms the basis for the submission of Proposals. At its discretion, the Authority may retain multiple firms for the performance of the subject services.

At the Authority’s discretion, the Consultant may be required to enter into new agreements for each of the following three years: 2019, 2020 and 2021. The substance of such new agreement(s) shall be identical to the agreement for 2018 unless otherwise mutually agreed upon by the parties. Subsequent agreements shall be sent to the Consultant as noted above at least 30 days prior to the end of the current term.

**I. PROPOSER REQUIREMENTS:**

The Authority will consider only those firms who are able to meet and document the following minimum qualification requirements:

- A. Must have New York State Department of Health (NYSDOH) – Environmental Laboratory Accreditation Program (ELAP), National Voluntary Laboratory Accreditation Program (NVLAP), and American Industry Hygiene Association (AIHA) certifications for all methods cited in Exhibit I, Attachment A (Pricing Schedule);
- B. Must have a minimum of three (3) years of successful participation in proficiency testing by certifying agencies;
- C. Must own all analytical instrumentation and support devices required by the methods cited in Exhibit I;
- D. Must have performed within the last five (5) years from the issuance of the RFP a minimum of twenty (20) of the analyses methods.

## **II. PROPOSAL FORMAT REQUIREMENTS:**

To respond to this RFP, the Proposer shall submit a concise proposal complying with each of the following format basic criteria:

- A. To be acceptable, proposals shall be of no more than 25 pages single-sided or 13 pages double-sided, using 12 point or greater font size. The page limit pertains only to Letters H and I in Section III, below. Each resume shall be two-page maximum, single-sided or one-page, double-sided, using 12 point or greater font size. The Proposal pages shall be numbered and bound, or in a 3-ring binder, with “Your Firm Name”, and **RFP Number 49864** clearly indicated on the cover.
- B. Separate each section of the Proposal with a tab divider that is labeled in accordance with the letter of the corresponding requirement specified below.
- C. All Proposals must be delivered in sealed envelopes and/or packages. Address the Proposal to: The Port Authority of New York and New Jersey, 4 World Trade Center, 21<sup>st</sup> Floor, New York, NY 10007, **Attention: RFP Custodian**. Do not address your Proposal to any other name. You are requested to submit one (1) reproducible original and four (4) CD’s of your Proposal for review. In case of conflict, the reproducible original of the Proposal shall take precedence over material on the CD’s.
- D. In each submission to the Authority, including any return address label, information on the CD’s, and information on the reproducible original and copies of the Proposal, the Proposer shall use its **FULL LEGAL NAME WITHOUT ABBREVIATIONS**. Failure to comply with this requirement may lead to delays in agreement award and payments, which shall be the responsibility of the Proposer.
- E. Your Proposal must be forwarded in sufficient time so that the Authority receives it **no later than 2:00 p.m. on July 19, 2017**. The outermost cover of your submittal must include the RFP Number and the RFP title as indicated in the “Subject” above. The Authority assumes no responsibility for delays caused by any delivery services.

If your proposal is to be hand-delivered, note that only individuals with proper identification (e.g. photo identification) will be permitted access to the Authority’s offices. Individuals without proper identification shall be turned away and their packages not accepted.

There is extensive security at the World Trade Center Site. You must present a valid government-issued photo ID to enter 4 WTC. Individuals without packages or carrying small packages, envelopes or boxes that can be conveyed by hand or on a hand truck may enter through the lobby. All packages, envelopes and boxes may be subject to additional security screening. There is no parking available at 4 WTC/150 Greenwich Street, and parking in the surrounding area is extremely limited. Express carrier deliveries by commercial vehicles will only be made via vendors approved by Silverstein Properties, the WTC Property Manager, through the Vehicle Security Center (VSC). Please note that use of the U.S. Mail does not guarantee delivery to Authority offices by the above listed due date for submittals. Firms using the U.S. Mail are advised to allow sufficient delivery time to ensure timely receipt of their submittals. Presently, UPS is the only delivery vendor with approved recurring delivery times. UPS makes deliveries to 4 WTC around 9:30 a.m. each day. Plan your submission accordingly. As additional express carriers may be

approved by Silverstein Properties and scheduled for recurring delivery times with the VSC, this information may be updated. Under certain circumstances, a solicitation may allow for a commercial vehicle to be approved to make a delivery in accordance with the VSC procedures. If applicable, the specific solicitation document will include that information. The Port Authority assumes no responsibility for delays, including, but not limited to, delays caused by any delivery services, building access procedures, or security requirements.

### **III. SUBMISSION REQUIREMENTS:**

To respond to this RFP, provide the following information:

- A. In the front of your Proposal, a copy of Attachment B (Agreement on Terms of Discussion), signed by an officer of your company.
- B. Complete a copy of Attachment C (Company Profile).
- C. Transmittal Letter

Demonstrate your ability to meet the proposer requirements as identified in Section I, above.

- D. Unit prices, for the specific items of work and/or analyses as outlined in Attachment A, Exhibit I.
- E. The “multiplier” referred to in lines two and five of subparagraph 9.A. of the accompanying Agreement, including a breakdown of said multipliers, indicating all of its components (e.g., vacation, holiday, sick pay, workers’ compensation, office rent, insurance, profit).
- F. Resumes, including technical qualifications, of all full-time architectural/engineering and technical personnel of your firm who will be assigned to perform the requested services.
- G. The name(s), title(s) and hourly rate(s) that would be in effect at the start of the Agreement term (January 1, 2018 through December 31, 2018) for engineering and technical personnel who will be assigned to perform any services requested. Any increases proposed during said term will be as set forth in the Agreement (see Section 9.A., third paragraph). Indicate hourly billing rates for partners or principals and actual hourly pay rates for all other billable employees. Provide a company policy for compensation for premium pay (e.g. holidays, shift differentials, regular days, weekends and night work or union required payments must be included). Please use the provided attachment labeled “Salary Schedule” as a template. Typical job titles may include, but are not limited to:
  - 1. Principal or Partner (Billing Rate)
  - 2. Engineer (Actual Hourly Rate)
  - 3. Technicians (Actual Hourly Rate)
- H. Identify the experience of your firm in providing services similar to those contemplated herein. Identify comparable services performed during the last three (3) years, owners, contact information (for verification purposes), and indicate whether said projects were completed on schedule and within budget.
- I. The Consultant’s proposed Management Approach to performing the required services, being responsive to the client’s needs, keeping the client apprised of the project status, and

to ensuring the quality of the work product. Your attention is directed to Paragraph 21 of the Agreement in which the Authority has stated the Minority Business Enterprise and Women-Owned Business Enterprise (MBE/WBE) goals for participation in this Call-In Program. In order to facilitate the meeting of this goal, the Consultant shall use every good-faith effort to utilize subconsultants who are Authority certified MBEs or WBEs to the maximum extent feasible. A listing of Authority certified MBE/WBE firms is available at <http://www.panynj.gov/business-opportunities/sd-mini-profile.html>. For each task order to perform work issued under this Agreement, the selected Consultant(s) shall submit to the Authority for review and approval prior to commencing any services, along with invoices, the Statement of Subcontractor Payments in the form of the MBE/WBE Participation Report (Form PA 3760C), which may be downloaded at <http://www.panynj.gov/business-opportunities/become-vendor.html>.

- J. A complete list of your firm's affiliates.
- K. If the Proposer or any employee, agent or subcontractor of the Proposer may have, or may give the appearance of, a possible conflict of interest, the Proposer shall include in its Proposal a statement indicating the nature of the conflict. The Authority reserves the right to disqualify the Proposer if, in its sole discretion, any interest disclosed or ascertained from any source could create, or give the appearance of, a conflict of interest. The Authority's determination regarding any question(s) of conflict of interest shall be final.

Proposers are advised that, while not currently anticipated, nothing herein shall preclude the Authority from determining at a subsequent point in time during performance of the services contemplated hereunder gives rise to the existence of, or the appearance of, a conflict of interest, and thereby conclude that a firm(s) selected for performance of the subject services, is/are expressly precluded from participation in, or the performance of other procurement opportunities for any project on which the firm has provided such services. Proposers are directed to paragraph 32 of the attached Standard Agreement. Proposers are further advised that under this Agreement, firms must provide, upon receipt of a Task Order issued by the Port Authority, written notice to the Port Authority of any existing or potential conflict of interest the firm(s) may have in the performance of Services under this Agreement.

- L. The selected Consultant(s) shall comply with the form of the agreement and its terms and conditions. You should therefore not make any changes in the Agreement nor restate any of its provisions in their Proposal or supporting material. ***However, if the Proposer has any specific exceptions, such exceptions should be set forth in a separate letter included with its response to this RFP.*** The Authority is under no obligation to entertain or accept any such specific exceptions. Failure to raise issues at the time of Proposal submission shall preclude the raising of such issues at a later time.

#### **IV. SELECTION PROCESS:**

The review, rating and ranking of Proposals will be based upon the following technical criteria (listed in order of importance), and subsequently cost, as appropriate. After consideration of these factors, the Authority may enter into negotiations with the firm (or firms) deemed best qualified in terms of the following factors to perform the required services:

- A. qualifications and experience of the staff proposed to perform services hereunder;
- B. qualifications and experience of the firm, including the quality of similar services provided to others, and the demonstrated ability to complete the services in accordance with the project schedule; and
- C. management approach for the performance of contemplated services.

**V. ADDITIONAL INFORMATION:**

If your firm is selected for performance of the subject services, the Agreement you will be asked to sign will include clauses entitled “Certification of No Investigation (Criminal Or Civil Anti-Trust), Indictment, Conviction, Debarment, Suspension, Disqualification and Disclosure Of Other Information” And “Non-Collusive Proposing And Code Of Ethics Certification; Certification Of No Solicitation Based On Commission, Percentage, Brokerage, Contingent Or Other Fees.” By submitting a Proposal the firm shall be deemed to have made the certifications contained therein unless said firm submits a statement with its Proposal explaining why any such certification(s) cannot be made. Such a submission shall be submitted in a separate envelope along with your Proposal, clearly marked “CERTIFICATION STATEMENT.”

It is Authority policy that its consultants, contractors and vendors comply with the legal requirements of the States of New York and New Jersey. Your attention is therefore called to New York State’s requirements that certain contractors, affiliates, subcontractors and subcontractors’ affiliates register with the New York State Department of Taxation and Finance for the purpose of collection and remittance of sales and use taxes. Similarly, New Jersey requires business organizations to obtain appropriate Business Registration Certificates from the Division of Revenue of the State’s Department of the Treasury.

Proposers are advised that additional vendor information, including, but not limited to forms, documents and other related information may be found on the Authority website at: <http://www.panynj.gov/business-opportunities/become-vendor.html>.

After a review of all proposals received, the Authority will forward two copies of the Agreement to the selected firm(s), who shall sign and return both copies. The return to you of one copy executed by the Authority will effectuate the Agreement.

Should you have any questions, please contact Thomas Barlotta, Senior Procurement Support Specialist, by email at [TBarlotta@panynj.gov](mailto:TBarlotta@panynj.gov). All such emails must have “**RFP 49864**” in the subject line. The Authority must receive all questions no later than 4:00 P.M., seven (7) business days before the RFP due date. Neither Mr. Barlotta nor any other employee of the Authority is authorized to interpret the provisions of this RFP or accompanying documents or give additional information as to their requirements. If interpretation or additional information is required, it will be communicated by written addendum issued by the undersigned and such writing shall form a part of this RFP, or the accompanying documents, as appropriate.

Proposal preparation costs are not reimbursable by the Authority, and the Authority shall have no obligation to a firm except under a duly authorized agreement executed by the Authority.

No rights accrue to any Proposer except under a duly authorized agreement for performance of the specified services.

The Authority reserves the right, in its sole and absolute discretion, to reject all Proposals, to undertake discussions and modifications with one or more Consultants, to waive defects in Proposals, and to proceed with that Proposal or modified Proposal, if any, which in its judgment will, under all the circumstances, best serve the public interest.

Sincerely,

David Gutiérrez, CPPO  
Assistant Director  
Procurement Department

Attachments

## ATTACHMENT A

### PERFORMANCE OF EXPERT PROFESSIONAL ASBESTOS AND LEAD ANALYSIS TECHNICAL SERVICES AS REQUESTED ON A “CALL-IN” BASIS DURING 2018

#### **I. BACKGROUND**

For background with respect to The Port Authority of New York and New Jersey (the “Authority”) see [www.panynj.gov](http://www.panynj.gov). Additionally, the most recent electronic version of the Authority’s Annual Report is available at <http://www.panynj.gov/corporate-information/annual-reports.html>.

#### **II. SCOPE OF WORK**

The services of the Consultant shall generally consist of, but are not limited to, providing expert technical and analytical services relating to asbestos and lead investigations and/or material analyses.

The Consultant shall perform analyses of environmental samples (in air, water, soil, sediment, and sludge matrices) and analyses of building materials for the presence, type and proportion of asbestos and or lead. All analyses shall be performed in accordance with analytical test procedures approved by federal and NY and NJ state regulatory agencies and as directed by the Authority.

#### **III. DESCRIPTION OF CONSULTANT’S TASKS**

Environmental and material sample analysis services shall include, but not be limited to, the following:

##### **A. Sample Pick-Up/Transport/Analysis**

The Consultant shall pick-up, transport, and begin analysis of environmental and material samples within twenty-four (24) hours, or the Turnaround time, whichever is less, after a request for pick-up is made by the Authority. Costs for sample pick-up and transportation are to be included in the unit price for each analysis, (see Exhibit I, included herewith and made a part hereof). Pickups will be made at the project site. All sites are within the Port District, with the exception of Stewart and Atlantic City Airports, which shall also be included.

##### **B. Parameters, Matrices and Pricing**

Analysis for various parameters may be requested on samples of building materials, air, groundwater, surface water, sediment, sludge and/or soil matrices. Some samples may contain hazardous levels of volatile organics, aromatics, asbestos, metals or other toxins. Additionally, analysis of unknown samples may be requested to be identified. The Authority Project Manager will provide the Consultant’s laboratory project manager with all site background information when available. The cost of sample disposal shall be included in the unit prices.

Payment for all analyses will be made at the unit prices on the attached Exhibit I.

If an analysis is requested that does not appear on this schedule, the Consultant shall submit to the Authority a proposed unit price prior to the performance of the requested service. Upon approval of the unit price, the Consultant may proceed with the performance of the requested service.

#### **IV. PROCEDURES, TURNAROUND TIME & DELIVERABLES**

##### **A. Turn-Around-Time (TAT)**

The Consultant shall provide results to the Authority Project Manager in the form of a facsimile transmittal and email within the requested turn-around time. Result datasets shall be placed on the Authority's Office 365 Onedrive share folder (Sharedrive). A point of contact from the Consultant's laboratory will be given access to the shared directory. The laboratory Project Manager shall email results within the required TAT to Sharedrive. Instructions detailing the file delivery procedure will be provided by the Authority.

A final signed report for each sample delivery group, accompanied by the invoice for the analysis completed shall be provided to the Authority contract administrator within four (4) business days after the end of each billing cycle. For the purpose of turn-around time, the counting of hours begins at the time the samples are received by the laboratory. Service shall be available twenty-four (24) hours a day, seven (7) days a week including holidays. In off-hour circumstances, the laboratory shall submit to the Authority a staffing analysis prior to the performance of the requested services. Upon approval of the cost, by the Authority, the Consultant may initiate performance of this work.

Samples that reach the laboratory without explicit required turnaround, either as specified on the chain-of-custody documentation or verbally by the project manager, shall be for 24-hour TAT.

The turn-around-times given in the Exhibit I shall be the only ones provided by the Consultant, unless prior written and specific approval is given by the Authority.

##### **B. Liquidated Damages**

In the event that the Consultant fails to meet the mutually agreed upon TATs, then damages for breach by the Consultant may be liquidated but only at an amount which is reasonable in the light of the anticipated or actual harm caused by the breach, the difficulties of proof of loss, and the inconvenience or nonfeasibility of otherwise obtaining an adequate remedy, as follows: a reduction of 10% in the applicable unit prices for the achieved turnaround (as contained in the Exhibit I) for the requested services as liquidated damages. In certain instances, priority TAT may require an immediate, upon completion of analysis, hard copy deliverable. The laboratory will be informed of these needs prior to the project inception.

##### **C. Hard Copy**

One (1) copy of each report is to be provided to the Authority. The Consultant's report submittals shall conform to the Authority standard report format. The Authority Standard Report, also known as a Data Summary Format includes, but is not limited to:

1. The Authority's project name, and sample identification on the title page;



2. Identification of the methods used for analysis;
3. Results, listed by sample number; and
4. Copies of all the Authority's chain of custody documents and field documents delivered with the samples.

D. Detection Limits

The Consultant will be informed of the regulatory impetus or project detection requirements for each assignment. In general, each sample shall be required to meet the published limits of detection. All reasonable efforts must be made to meet the regulatory requirements and/or published detection limits.

The Authority reserves the right to withhold payment for samples which are diluted beyond the point of determining regulatory compliance without receiving acceptable justification.

E. Sample Retention

Unless otherwise specified, the Consultant shall retain all Authority samples for a minimum period of six (6) months or time required by federal, state, or local regulations, whichever is longer. After this time, all sample material shall be disposed properly in strict accordance with all applicable federal, state and local requirements.

F. Subcontracting & Non-Routine Analytical Services

The Consultant shall perform the majority of the analyses in-house. Testing which is subcontracted must be designated on the Exhibit I by inserting the name of the subcontractor in the appropriate column of the Exhibit I. The Authority reserves the right to disapprove the use of specific contractors at its sole discretion. The Consultant is responsible for ensuring that all subcontractors are duly certified by the appropriate organizations for the parameter/method requested.

**V. CERTIFICATION REQUIREMENTS**

All laboratories performing environmental and materials testing services for the Authority shall possess certifications issued by the following organizations for the parameters indicated on the Exhibit I, where applicable:

- A. New York State Department of Health – Environmental Laboratory Accreditation Program
- B. American Industrial Hygiene Association
- C. National Voluntary Laboratory Accreditation Program

**VI. CONDITIONS AND PRECAUTIONS**

A. General

The Consultant shall immediately inform the Authority of any unsafe condition discovered at any time during the course of this work.

Vehicular and/or pedestrian traffic shall have priority over any and all of the Consultant's operations.

B. Work Areas

The Consultant shall limit its work to the area(s) necessary for the performance of such work and shall not interfere with the operation of the facility without first obtaining specific approval from the Chief Engineer.

The Consultant shall not permit any objects or pieces of equipment to lie unattended on sidewalks, roadways or structures at any time.

C. Work Hours

The Consultant shall coordinate its work at the site(s) with the Project Manager.

\*\*\*\*

**P.A. AGREEMENT # \*\*\*-\*\*-\*\*\***

DATE

FIRM

ADDRESS

CITY, ST ZIP

Attention: CONTACT, TITLE

**SUBJECT: PERFORMANCE OF EXPERT PROFESSIONAL \*\*\*\*\* SERVICES  
AS REQUESTED ON A "CALL-IN" BASIS DURING 2018**

Dear CONTACT:

1. The Port Authority of New York and New Jersey (the "Authority") hereby offers to retain FIRM NAME (the "Consultant" or "you") to provide expert professional services as more fully set forth in Attachment A, which is attached hereto and made a part hereof, on a "call-in" basis during 2018.

At the Authority's discretion, the Consultant may be required to enter into one or more new agreements for each of the following three (3) years: 2019, 2020 and 2021. Said agreement(s) shall be identical to this Agreement unless otherwise mutually agreed upon by the parties. The Authority will send subsequent agreements to the Consultant as noted above at least thirty (30) days prior to the end of the current term.

The Authority does not guarantee the ordering of any services under this Agreement and specifically reserves the right, in its sole discretion, to use any person or firm to perform the type of services required hereunder.

This Agreement shall be signed by you and by the Authority's Chief Procurement Officer. As used herein, "Chief Engineer" shall mean the Chief Engineer, or the Deputy Chief Engineer of the Authority, or his duly authorized representatives acting within the scope of the particular authority vested in them, unless specifically stated to mean acting personally.

For the purpose of administering this Agreement, the Chief Engineer has designated DAR NAME, Assistant Chief \*\*\*, to act as his duly authorized representative. The Project Manager for this project is NAME, tel. (\*\*\*)\*\*-\*\*\*\*, or e-mail address: [\\*\\*\\*@panynj.gov](mailto:***@panynj.gov).

2. Your services shall be performed as expeditiously as possible and at the time or times required by the Chief Engineer. Time is of the essence in the performance of all your services under this Agreement.

3. In response to a request for specific services hereunder and prior to the performance of any such services, you shall submit, in writing, to the Chief Engineer for approval, an estimated cost and staffing analysis of such services. You shall begin performing services under this Agreement upon your receipt of the Chief Engineer's written (1) approval of such cost and (2) direction to

proceed. At the point at which your expenditures for such services reach such approved estimated cost, you shall not continue to render any such services. Preparation of cost estimates and staffing analysis mentioned in this paragraph and in paragraph 8 shall not be a compensable service hereunder.

4. In order to effectuate the policy of the Authority, the services provided by the Consultant shall comply with all provisions of federal, state, municipal, local and departmental laws, ordinances, rules, regulations, and orders which would affect or control said services as if the services were being performed for a private corporation, unless the Authority standard is more stringent, in which case the Authority standard shall be followed, or unless the Consultant shall receive a written notification to the contrary signed by the Chief Engineer personally, in which case the requirements of said notification shall apply.

5. The Consultant shall meet and consult with Authority staff as requested by the Chief Engineer in connection with any service to be performed herein. Any Contract Drawings, Technical Specifications and/or other items to be submitted or prepared by the Consultant hereunder shall be subject to the review of the Chief Engineer. The Chief Engineer may disapprove if, in his sole opinion, said items are not in accordance with the requirements of this Agreement, sound engineering principles or accepted professional standards or are impractical, uneconomical or unsuited in any way for the purpose for which the contemplated construction or services is intended. If any of the said items or any portion thereof are so disapproved, the Consultant shall forthwith revise them until they meet the approval of the Chief Engineer, but the Consultant will not be compensated under any provision of this Agreement for performance of such revisions. No approval or disapproval or omission to approve or disapprove, however, shall relieve the Consultant of its responsibility under this Agreement to furnish the requested services in accordance with an agreed upon schedule, a complete, practical, economical design and Contract Drawings and Technical Specifications (and corrections and changes thereto) which are best suited for the contemplated construction, or services, are done in accordance with sound engineering principles and are signed and sealed by a licensed Professional Engineer.

6. When services to be performed by the Consultant include the preparation of contract documents, or the performance of post award services, the Consultant shall submit its specific Quality Control/Assurance Program to the Chief Engineer prior to the performance of said services. Upon completion of specific services requested hereunder, the Consultant shall submit a letter to the Chief Engineer certifying the Consultant's conformance with the aforementioned Quality Control/Assurance Program.

7. When the services to be performed by the Consultant include the preparation of computer aided design and drafting (CADD) documents, said documents must be prepared using the latest available revision of Autodesk's "AUTOCAD" software or as directed by the Chief Engineer prior to the performance of specific services. All drawings shall be prepared in strict conformance to the Port Authority CAD Standards. All submissions of CAD drawings shall be submitted to the Authority on compact discs, USB drives, uploaded to the Project Website, or as otherwise required, in DWG and DWF format in accordance with the Port Authority CAD Standards.

8. You shall not continue to render services under this Agreement after the point at which the total amount to be paid to you hereunder (including reimbursable expenses) reaches the combined total of each of the approved estimated costs, unless you are specifically authorized in writing to so continue by the Chief Engineer. If no such authorization is issued, this Agreement shall be terminated without further obligation by either of the parties as to services not yet performed, but you shall be compensated as hereinafter provided for services already completed.

9. As full compensation for all your services and obligations in connection with this Agreement, the Authority will pay you the total of the amounts computed under subparagraphs A, B, C, D and E below, subject to the limits on compensation and provisions set forth in Paragraphs 3 and 8 above. Subject to the terms and conditions below, travel time is not reimbursable under subparagraphs A, B, and C hereunder.

A. For work performed at the Consultant's offices, the Consultant will be compensated at an amount equal to \*.\*\* times the actual salaries paid by you to professional and technical personnel (but not partners or principals) for time actually spent by them in the performance of services hereunder. For work performed at Authority office(s), as mutually agreed upon, the Consultant will be compensated at an amount equal to \*.\*\* times the actual salaries paid by you to professional and technical personnel (but not partners or principals) for time actually spent by them in the performance of services hereunder, plus an amount equal to the number of hours actually spent by partners and principals in the performance of services hereunder times the billing rate (no multiplier applied) described below but in each case excluding premium payments for overtime work or night work or for performing hazardous duty. Attached hereto is a schedule of actual salaries and titles of architects, engineers, technical staff and/or other permanent professional and technical personnel employed by you, as well as rates customarily billed for partners and principals on projects such as this. Said schedule shall clearly indicate any of your employees, proposed by you to perform the requested services, that are former Authority employees. For compensation purposes under this Agreement, no said salary or amount shall exceed the salary or amount received by said personnel or rate customarily billed for a partner or principal as of the effective date of this Agreement unless the Chief Engineer has been notified in advance, in writing, of the increased salary, rate or amount and approves the increase.

The Consultant shall verify that its employees, or subconsultants, working under this Agreement are legally present and authorized to work in the United States, as per the federally required I-9 Program. Furthermore, upon request of the Authority, the Consultant shall furnish, or provide the Authority access to federal Form I-9 (Employment Eligibility Verification) for each individual hired by the Consultant, performing services hereunder. This includes citizens and noncitizens.

The Authority reserves the right of approval of all personnel, amounts, billing rates and salaries of said personnel performing services under this Agreement. When requesting salary or billing rate adjustments for one or more of its personnel, the Consultant shall submit his/her name, title, current direct hourly rate or billing rate, proposed new direct hourly salary or billing rate, resulting percentage increase, effective date and reason for the requested change, setting forth in detail any increased cost to the Consultant of providing the services under this Agreement which has given rise to the request for increased salary. For adjustments submitted after the effective date of this Agreement, the Authority will grant an increase only if the Consultant demonstrates compliance with all of the following conditions: that increases in salary, or partner's or principal's billing rate

or amount, are in a) accordance with the program of periodic merit and cost of living increases normally administered by it, b) are warranted by increased costs of providing services under this Agreement, c) are based upon increases in salaries and billing rates which are generally applicable to all of Consultant's clients and d) are in accordance with the Authority's salary rate increase policy for the current year for Authority employees possessing comparable skills and experience. If, during any calendar year, Authority limits are not available to the Consultant in a timely fashion, increases falling within such limits may be approved retroactively, as appropriate. The amount of increase in salary or billing rate, if any, to be applicable under this Agreement will in all cases be finally determined by the Chief Engineer or his designee, in his sole and absolute discretion.

Notwithstanding the above, the multipliers set forth in the second and fifth lines of this subparagraph shall be applied only in the case of personnel other than partners or principals who are permanent employees.

B. Premium payments for overtime work or night work or for performing hazardous duty, actually paid to professional and technical employees, but not partners or principals, for time actually spent by them in the performance of services hereunder when such overtime or other premium payments have been demonstrated to be in accordance with the Consultant's normal business practice will be reimbursed by the Authority when they have been authorized in advance by the Chief Engineer in writing. The Project Manager for the Authority shall have the right to authorize and approve premium payments up to a total amount of one thousand dollars (\$1,000) per occasion. Payments above said total amount shall be subject to the prior written authorization of the Chief Engineer. Such premium payments to supervisory employees who do not receive such payments in the Consultant's normal business practice will not be given under this Agreement.

C. When the method of compensation hereunder, as approved in advance and in writing by the Chief Engineer is on a unit price basis, said unit price shall include all labor, materials, profit and overhead or other expenses relative to the performance of the required services as indicated in Exhibit I, included herewith and made a part hereof.

D. Amounts actually paid to subconsultants hereunder who have been retained after the written approval by the Chief Engineer of the subconsultant and the compensation to be paid the subconsultant. The Consultant shall submit a copy of the terms and conditions of the subconsultant's compensation (including multiplier, if applicable), as well as an estimate of the number of hours required by the subconsultant to perform his services, as part of any request for approval of the subconsultant.

E. Out-of-pocket expenses, approved in advance by the Chief Engineer, necessarily and reasonably incurred and actually paid by you in the performance of your services hereunder. Out-of-pocket expenses are expenses that are unique to the performance of your services under this Agreement and generally contemplate the purchase of outside ancillary services, except that for the purpose of this Agreement, out-of-pocket expenses do include amounts for long distance telephone calls, rentals of equipment, travel and local transportation and meals and lodging on overnight trips.

Notwithstanding the above, the Authority will pay an amount approved in advance by the Chief Engineer and computed as follows for the reproduction of submittal drawings, specifications and reports:

1) If the Consultant uses its own facilities to reproduce such documents, an amount computed in accordance with the billing rates the Consultant customarily charges for reproduction of such documents under agreements such as this, or

2) If the Consultant uses an outside vendor for the reproduction of such documents, the actual, necessary and reasonable amounts for the reproduction of such documents.

The Authority will not pay for expenses that are usually and customarily included as part of the Consultant's overhead. For the purposes of this Agreement out-of-pocket expenses do not include amounts for typing, utilization of computer systems, computer aided design and drafting (CADD), cameras, recording or measuring devices, flashlights and other small, portable equipment, safety supplies, phones, telephone calls, electronic messaging including Fax, or expendable office supplies. Unless otherwise indicated, required insurance is not a reimbursable expense.

When the Consultant uses its personal vehicle to provide services within the Port District, the Consultant will be reimbursed for travel expenses beyond normal commuting costs at a rate not higher than the Annual Federal Mileage Reimbursement Rate (as determined by the United States General Services Administration (GSA) – <http://www.gsa.gov/portal/content/100715>) per mile traveled by auto.

When the Consultant is asked to provide services outside the Port District, the actual cost of transportation as well as the cost for hotel accommodations and meals will be reimbursable hereunder when approved in advanced in writing by the Chief Engineer. The cost for all meals and lodging on approved overnight trips is limited to the amounts established by the United States GSA for that locality.

GSA Domestic Rates: <http://www.gsa.gov/portal/category/21287>

You shall obtain the Chief Engineer's written approval prior to making expenditures for out-of-pocket expenses in excess of one thousand dollars (\$1,000) per specific expenditure and for all overnight trips, which are reimbursable expenditures as set forth above. You shall substantiate all billings for out-of-pocket expenses in excess of twenty-five dollars (\$25) with receipted bills and shall provide said receipts with the appropriate billing.

F. As used herein:

"Port District" is a geographical area of about 1,500 square miles in the States of New York and New Jersey, centering about New York Harbor. The Port District includes the Cities of New York and Yonkers in New York State, the cities of Newark, Jersey City, Bayonne, Hoboken and Elizabeth in the State of New Jersey and over 200 other municipalities, including all or part of seventeen counties, in the two States.

"Salaries paid to employees" or words of similar import means salaries and amounts actually paid (excluding payments or factors for holidays, vacations, sick time, bonuses, profit participations and other similar payments) to architects, engineers, designers, drafters or other professional and technical employees of the Consultant for time actually spent directly in the performance of technical services hereunder and recorded on daily time records which have been approved by the employee's immediate supervisor, excluding the time of any employee of the Consultant to the extent that the time of such employee of the Consultant is devoted to typing/word processing,

stenographic, clerical or administrative functions. Such functions shall be deemed to be included in the multiplier referred to in Subparagraph A above.

10. You shall keep, and shall cause any subconsultants under this Agreement to keep, daily records of the time spent in the performance of services hereunder by all persons whose salaries or amounts paid thereto will be the basis for compensation under this Agreement as well as records of the amounts of such salaries and amounts actually paid for the performance of such services and records and receipts of reimbursable expenditures hereunder and, notwithstanding any other provision of this Agreement, failure to do so shall constitute a conclusive waiver of any right to compensation for such services or expenses as are otherwise compensable hereunder. The Authority will have the right to audit all such records.

The Authority will have the right to inspect your records, and those of your subconsultants, pertaining to any compensation to be paid hereunder, such records to be maintained by you and your subconsultants for a period of one year after completion of services to be performed under this Agreement.

11. On or about the fifteenth (15<sup>th</sup>) day of each month, you shall render a bill for services performed and reimbursable out-of-pocket expenses incurred in the prior month, accompanied by such records and receipts as required, to the Project Manager. Each invoice shall bear your taxpayer number and the purchase order number provided by the Chief Engineer. Upon receipt of the foregoing, the Chief Engineer will estimate and certify to the Authority the approximate amount of compensation earned by you up to that time. As an aid to you, the Authority will, within fifteen (15) days after receipt of such certification by the Chief Engineer, advance to you by check the sum certified minus all prior payments to you for your account.

12. The Authority may at any time for cause terminate this Agreement as to any services not yet rendered, and may terminate this Agreement in whole or in part without cause upon three (3) days notice to you. You shall have no right of termination as to any services under this Agreement without just cause. Termination by either party shall be by certified letter addressed to the other at its address hereinbefore set forth. Should this Agreement be terminated in whole or in part by either party as above provided, you shall receive no compensation for any services not yet performed; but if termination is without fault on your part, the Authority will pay you as the full compensation to which you shall be entitled in connection with this Agreement the amounts computed as above set forth for services completed to the satisfaction of the Chief Engineer through the date of termination, minus all prior payments to you.

13. Under no circumstances shall you or your subconsultants communicate in any way with any contractor, department, board, agency, commission or other organization or any person, whether governmental or private, in connection with the services to be performed hereunder except upon prior written approval and instructions of the Chief Engineer; provided, however, that data from manufacturers and suppliers of material shall be obtained by you when you find such data necessary, unless you are otherwise instructed by the Chief Engineer.

14. Any services performed for the benefit of the Authority at any time by you or on your behalf, even services in addition to those described herein, even if expressly and duly authorized by the



Authority, shall be deemed to be rendered under and subject to this Agreement (unless referable to another express written, duly executed agreement by the same parties), whether such additional services are performed prior to, during or subsequent to the services described herein, and no other rights or obligations shall arise out of such additional services.

15. No certificate, payment (final or otherwise), acceptance of any work or any other act or omission of the Authority or the Chief Engineer shall operate to release you from any obligations under or upon this Agreement, or to estop the Authority from showing at any time that such certificate, payment, acceptance, act or omission was incorrect or to preclude the Authority from recovering any money paid in excess of that lawfully due, whether under mistake of law or fact or to prevent the recovery of any damages sustained by the Authority.

16. Original Contract Drawings, originals of technical specifications, estimates, reports, records, data, charts, documents, renderings, computations, computer tapes or disks, and other papers of any type whatsoever, whether in the form of writing, figures or delineations, which are prepared or compiled in connection with this Agreement, shall become the property of the Authority, and the Authority will have the right to use or permit the use of them and of any ideas or methods represented by them for any purpose and at any time without compensation other than that specifically provided herein. The Consultant hereby warrants and represents that the Authority will have at all times the ownership and rights provided for in the immediately preceding sentence free and clear of all claims of third persons, whether such claims presently exist or arise in the future and they are whether presently known to either of the parties to this Agreement or not. This Agreement shall not be construed, however, to require the Consultant to obtain for the Consultant and the Authority the right to use any idea, design, method, material, equipment or other matter which is the subject of a valid patent, unless owned by the Consultant, by a subconsultant or by an employee of either. Whether or not your Proposal is accepted by the Authority, it is agreed that all information of any nature whatsoever which is in any way connected with the services performed in connection with this Agreement, regardless of the form in which it has been or may be given by you or on your behalf, whether prior or subsequent to the execution of this Agreement, to the Authority, its Commissioners, officers, agents or employees, is not given in confidence and may be used or disclosed by or on behalf of the Authority without liability of any kind, except as may arise under valid existing or pending patents, if any.

17. If research or development is furnished in connection with the performance of this Agreement and if in the course of such research or development patentable subject matter is produced by the Consultant, its officers, agents, employees, or subconsultants, the Authority will have, without cost or expense to it, an irrevocable, non-exclusive royalty-free license to make, have made and use, either itself or by anyone on its behalf, such subject matter in connection with any activity now or hereafter engaged in or permitted by the Authority. Promptly upon request by the Authority, the Consultant shall furnish or obtain from the appropriate person a form of license satisfactory to the Authority; but it is expressly understood and agreed that, as between the Authority and the Consultant, the license herein provided for shall nevertheless arise for the benefit of the Authority immediately upon the production of said subject matter, and shall not await formal exemplification in a written license agreement as provided for above. Such license agreement may be transferred by the Authority to its successors, immediate or otherwise, in the operation or ownership of any

real or personal property now or hereafter owned or operated by the Authority but such license shall not be otherwise transferable.

18. Notwithstanding anything to the contrary herein, the work product of the Consultant, its officers, agents, employees or sub-consultants, which is produced in accordance with the Agreement, whether it consists of computer programming or documentation thereof, including source code, and on any media whatsoever, shall be deemed to belong exclusively to the Authority, and the Authority will have the exclusive right to obtain and to hold in its own name any and all copyrights, patents, trade secrets and/or other proprietary rights and protection as may be produced as part of this work product, including the right to extensions or renewals, where appropriate. The work product shall not be destroyed or released to anyone outside of the Engineering Department without express written authorization of the Chief Engineer. The Authority will have the exclusive right to use or permit the use of them and of any ideas or methods represented by them for any purpose and at any time without compensation other than that specifically provided for herein. You agree to contract with your employees for the benefit of the Authority to ensure that the Authority has such rights and to give to the Authority or any party designated by the Authority all assistance reasonably required to perfect the rights herein above stated. You shall indemnify and hold harmless the Authority against any claims of proprietary rights infringement arising out of such use of your work product.

19. You shall promptly and fully inform the Chief Engineer, in writing, of any patents or patent disputes, or intellectual property disputes, whether existing or potential, of which you have knowledge, relating to any idea, design, method, material, equipment or other matter related to the subject matter of this Agreement or coming to your attention in connection with this Agreement.

20. This Agreement being based upon your special qualifications for the services herein contemplated, any assignment, subletting or other transfer of this Agreement or any part hereof or of any moneys due or to become due hereunder without the express consent in writing of the Authority shall be void and of no effect as to the Authority; provided, however, that you may sublet services to subconsultants with the express consent in writing of the Chief Engineer. All persons to whom you sublet services, however, shall be deemed to be your agents and no subletting or approval thereof shall be deemed to release you from your obligations under this Agreement, to impose any obligation on the Authority to such subconsultant or to give the subconsultant any rights against the Authority.

21. The Authority has a long-standing practice of encouraging Minority Business Enterprises (MBEs) and Women Business Enterprises (WBEs) to seek business opportunities with it, either directly or as subconsultants or subcontractors. "Minority-owned business" or "MBE" means a business entity which is at least fifty-one percent (51%) owned by one (1) or more members of one (1) or more minority groups, or, in the case of a publicly held corporation, at least fifty-one percent (51%) of the stock of which is owned by one (1) or more members of one (1) or more minority groups; and whose management and daily business operations are controlled by one (1) or more such individuals who are citizens or permanent resident aliens. "Women-owned business" or "WBE" means a business which is at least fifty-one percent (51%) owned by one (1) or more women; or, in the case of a publicly held corporation, fifty-one percent (51%) of the stock of which

is owned by one (1) or more women: and whose management and daily business operations are controlled by one (1) or more women who are citizens or permanent resident aliens.

"Minority group" means any of the following racial or ethnic groups:

A. Black persons having origins in any of the Black African racial groups not of Hispanic origin;

B. Hispanic persons of Puerto Rican, Mexican, Dominican, Cuban, Central or South American culture or origin, regardless of race;

C. Asian and Pacific Islander persons having origins in any of the original peoples of the Far East, Southeast Asia, the Indian subcontinent or the Pacific Islands;

D. American Indian or Alaskan Native persons having origins in any of the original peoples of North America and maintaining identifiable tribal affiliations through membership and participation or community identification.

The Chief Engineer has set a goal of twelve percent (12%) participation by qualified and certified MBEs and five percent (5%) to qualified and certified WBEs on technical service projects.

To be "certified" a firm must be certified by the Authority's Office of Business Diversity and Civil Rights.

In order to facilitate the meeting of this goal, the Consultant shall use every good-faith effort to utilize subconsultants who are certified MBEs or WBEs to the maximum extent feasible.

The Authority has a list of certified MBE/WBE service firms which is available to you at <http://www.panynj.gov/business-opportunities/supplier-diversity.html>. The Consultant will be required to submit to the Authority's Office of Business Diversity and Civil Rights for certification the names of MBE/WBE firms it proposes to use who are not on the list of certified MBE/WBE firms.

## 22. NON-DISCRIMINATION REQUIREMENTS

The Consultant shall take all necessary and reasonable steps to ensure non-discrimination in the performance and administration of all aspects of this Agreement.

A. Consultant hereby agrees that no person on the ground of race, color, national origin, creed/religion, sex, age or handicap/disability shall be excluded from participation in, denied the benefits of, or be otherwise subjected to discrimination in the furnishing of goods or services or in the selection and retention of subconsultants and/or vendors under this Agreement. Consultant shall also ascertain and comply with all applicable federal, state and local laws, ordinances, rules, regulations, and orders that pertain to equal employment opportunity, affirmative action, and non-discrimination in employment.

B. Consultant agrees that these "Non-Discrimination Requirements" are a binding part of this Agreement. Without limiting the generality of any other term or provision of this Agreement, in the event the Authority, or a state or federal agency finds that the Consultant or any of its subconsultants or vendors has not complied with these "Non-Discrimination Requirements", the Authority may cancel, terminate or suspend this Agreement in accordance with Section 12 of this Agreement.

C. Consultant agrees to cooperate fully with the Authority's investigation of allegations of discrimination. Cooperation includes, but is not limited to, allowing the Authority to question employees during the investigation of allegations of discrimination, and complying with directives that the Authority or the State or Federal government deem essential to ensure compliance with these "Non-Discrimination Requirements."

### 23. NOTIFICATION OF SECURITY REQUIREMENTS

The Authority has the responsibility of ensuring safe, reliable and secure transportation facilities, systems and projects to maintain the well-being and economic competitiveness of the region. Therefore, the Authority reserves the right to deny access to certain documents, sensitive security sites and facilities (including rental spaces) to any person who declines to abide by Authority security procedures and protocols, any person with a criminal record with respect to certain crimes or who may otherwise pose a threat to the construction site or facility security. The Authority reserves the right to impose multiple layers of security requirements on the Consultant, its staff and subconsultants and their staffs, depending upon the level of security required, or make any amendments with respect to such requirements as determined by the Authority.

These security requirements may include but are not limited to the following:

- Execution of Non-Disclosure and Confidentiality Agreements and Acknowledgments

At the direction of the Authority, the Consultant shall be required to have its principals, staff and/or subconsultant(s) and their staff, execute Authority approved non-disclosure and confidentiality agreements.

- Consultant/Subconsultant identity checks and background screening

The Authority's designated background screening provider may require inspection of not less than two forms of valid/current government issued identification (at least one having an official photograph) to verify staff's name and residence; screening of federal, state, and/or local criminal justice agency information databases and files; screening of any terrorist identification files and access identification, to include some form of biometric security methodology, such as fingerprint, facial or iris scanning.

The Consultant may be required to have its staff, and any subconsultant's staff, material-men, visitors or others over whom the Consultant/subconsultant has control, authorize the Authority or its designee to perform background checks, and personal identity verification checks. Such authorization shall be in a form acceptable to the Authority. The Consultant and subconsultants may also be required to use an organization designated by the Authority to perform the background checks.

As of January 29, 2007, the Secure Worker Access Consortium (S.W.A.C.) is the only Authority approved provider to be used to conduct background screening and personal identity verification, except as otherwise required by federal law and/or regulation (such as Security Identification Display Area {SIDA}, the federal regulatory requirements for personnel performing Work at aviation facilities and such as the Transportation Worker Identification Credential for personnel performing in secure areas at Maritime facilities). Information about S.W.A.C., instructions, corporate enrollment, online applications and location of processing

centers can be found at <http://www.secureworker.com>, or S.W.A.C. may be contacted directly at (877) 522-7922 for more information and the latest pricing. The cost for said background checks for staff that pass and are granted a credential shall be reimbursable to the Consultant (and its subconsultants) as an out-of-pocket expense as provided herein. Staff that are rejected for a credential for any reason are not reimbursable.

- Issuance of Photo Identification Credential

No person shall be permitted on or about the Authority construction sites or facilities (including rental spaces) without a facility-specific photo identification credential approved by the Authority. If the Authority requires facility-specific identification credentials for the Consultant and the subconsultant's staff, the Authority will supply such identification at no cost to the Consultant or its subconsultants. Such facility-specific identification credential shall remain the property of the Authority and shall be returned to the Authority at the completion or upon request prior to completion of the individual's assignment at the specific facility. It is the responsibility of the appropriate Consultant or subconsultant to immediately report to the Authority the loss of any staff member's individual facility-specific identification credential. The Consultant or subconsultant will be billed for the cost of the replacement identification credential. Consultant's and subconsultant's staff shall display Identification badges in a conspicuous and clearly visible manner, when entering, working at or leaving an Authority construction site or facility.

Employees may be required to produce not less than two forms of valid/current government issued identification having an official photograph and an original un laminated social security card for identity and SSN verification. Where applicable, for sensitive security construction sites or facilities, successful completion of the application, screening and identify verification for all employees of the Consultant and subconsultant shall be completed prior to being provided a S.W.A.C. ID Photo Identification credential.

- Designated Secure Areas

Services under the Agreement may be required in designated secure areas, as the same may be designated by the Authority ("Secure Areas"). The Authority will require the observance of certain security procedures with respect to Secure Areas, which may include the escort to, at, and/or from said high security areas by security personnel. All personnel that require access to designated Secure Areas who are not under escort by an authorized individual will be required to undergo background screening and personal identity verification.

Forty-eight (48) hours prior to the proposed performance of any work in a Secure Area, the Consultant shall notify the Project Manager. The Consultant shall conform to procedures as may be established by the Project Manager from time to time and at any time for access to Secure Areas and the escorting of personnel hereunder. Prior to the start of any work, the Consultant shall request a description from the Project Manager of the Secure Areas that will be in effect on the commencement date(s) of the request services. The description of Secure Areas may be changed from time to time and at any time by the Project Manager during the term of the Agreement.

- Access control, inspection, and monitoring by security guards

The Authority may provide for Authority construction site or facility (including rental spaces) access control, inspection and monitoring by Port Authority Police or Authority retained contractor security guards. However, this provision shall not relieve the Consultant of its responsibility to secure its equipment and work and that of its subconsultant/subcontractor's and service suppliers at the Authority sites or facilities (including rental spaces). In addition, the Consultant, subconsultant or service provider is not permitted to take photographs, digital images, electronic copying and/or electronic transmission or video recordings or to make sketches on any other medium at any Authority sites or facilities (including any rental spaces), except when necessary to perform the Work under this Agreement, without prior written permission from the Authority. Upon request, any photograph, digital image, video recording or sketch made of any Authority sites or facility shall be submitted to the Authority to determine compliance with this paragraph, which submission shall be conclusive and binding on the submitting entity.

- Compliance with the Port Authority Information Security Handbook

This Agreement may require access to Authority information considered Protected Information ("PI") as defined in the Port Authority Information Security Handbook ("Handbook"), dated October, 2008, corrected as of November 14, 2013, and as may be further amended. The Handbook and its requirements are hereby incorporated into this Agreement and will govern the possession, distribution and use of PI if at any point during the lifecycle of the project or solicitation it becomes necessary for the Consultant to have access to PI. Protecting sensitive information requires the application of uniform safeguarding measures to prevent unauthorized disclosure and to control any authorized disclosure of this information within the Authority or when released by the Authority to outside entities. The Handbook can be obtained upon request at: <http://www.panynj.gov/business-opportunities/pdf/Corporate-Information-Security-Handbook.pdf>.

- (1) require that the Consultant and subconsultants, when appropriate, sign Non-Disclosure and Confidentiality Agreements (NDAs), or an Acknowledgment of an existing NDA, provided by the Authority as a condition of being granted access to Protected Information categorized and protected as per the Handbook;
- (2) require that individuals needing access to PI be required to undergo a background check, pursuant to the process and requirements noted in § 3.2 of the Information Security Handbook.
- (3) require Consultants and commercial enterprises to attend training to ensure security awareness regarding Authority information;
- (4) specific guidelines and requirements for the handling of PI to ensure that the storage and protection of PI;
- (5) restrictions on the transfer, shipping, and mailing of PI;
- (6) prohibitions on the publication, posting, modifying, copying, reproducing, republishing, uploading, transmitting, or distributing PI on websites or web pages. This may also include restricting persons, who either have not passed a pre-screening background check, or who have not been granted access to PI, from viewing such information;

- (7) require that PI be destroyed using certain methods, measures or technology pursuant to the requirements set forth in the Handbook;
  - (8) require the Consultant to mandate that each of its subconsultants maintain the same levels of security required of the Consultant under any Authority awarded Agreement.
  - (9) prohibit the publication, exchange or dissemination of PI developed from the project or contained in reports, except between Consultants and subconsultants, on a need to know basis, without prior approval of the Authority;
  - (10) require that PI only be reproduced or copied pursuant to the requirements set forth in the Handbook.
- Audits for Compliance with Security Requirements

The Authority may conduct random or scheduled examinations of business practices under this section entitled “NOTIFICATION OF SECURITY REQUIREMENTS” and the Handbook in order to assess the extent of compliance with security requirements, PI procedures, protocols and practices, which may include, but not be limited to, verification of background check status, confirmation of completion of specified training, and/or a site visit to view material storage locations and protocols.

#### 24. Confidential Information/Non-Publication

A. As used herein, confidential information shall mean all information disclosed to the Consultant or the personnel provided by the Consultant hereunder which relates to the Authority's and/or the Port Authority Trans Hudson (PATH) Corporation's past, present, and future research, development and business activities including, but not limited to, software and documentation licensed to the Authority or proprietary to the Authority and/or PATH and all associated software, source code procedures and documentation. Confidential information shall also mean any other tangible or intangible information or materials including but not limited to computer identification numbers, access codes, passwords, and reports obtained and/or used during the performance of the Consultant's Services under this Agreement.

B. Protected Information shall mean and include collectively, as per *The Port Authority of New York & New Jersey Information Security Handbook (October 15, 2008, corrected as of November 14, 2013)*, Confidential Information, Confidential Proprietary Information, Confidential Privileged Information and information that is labeled, marked or otherwise identified by or on behalf of the Authority so as to reasonably connote that such information is confidential, privileged, sensitive or proprietary in nature. Confidential Information shall also include all work product that contains or is derived from any of the foregoing, whether in whole or in part, regardless of whether prepared by the Authority or a third-party or when the Authority receives such information from others and agrees to treat such information as Confidential.

C. The Consultant shall hold all such Protected Information in trust and confidence for the Authority, and agrees that the Consultant and the personnel provided by the Consultant hereunder shall not, during or after the termination or expiration of this Agreement, disclose to any person, firm or corporation, nor use for its own business or benefit, any information obtained by it under or in connection with the supplying of services contemplated by this Agreement. The Consultant

and the personnel provided by the Consultant hereunder shall not violate in any manner any patent, copyright, trade secret or other proprietary right of the Authority or third persons in connection with their services hereunder, either before or after termination or expiration of this Agreement. The Consultant and the personnel provided by the Consultant hereunder shall not willfully or otherwise perform any dishonest or fraudulent acts, breach any security procedures, or damage or destroy any hardware, software or documentation, proprietary or otherwise, in connection with their services hereunder. The Consultant shall promptly and fully inform the Chief Engineer in writing of any patent, copyright, trade secret or other intellectual property rights or disputes, whether existing or potential, of which the Consultant has knowledge, relating to any idea, design, method, material, equipment or other matter related to this Agreement or coming to the Consultant's attention in connection with this Agreement.

D. The Consultant shall not issue nor permit to be issued any press release, advertisement, or literature of any kind, which refers to the Authority or to the fact that goods have been, are being or will be provided to it and/or that services have been, are being or will be performed for it in connection with this Agreement, unless the Consultant first obtains the written approval of the Authority. Such approval may be withheld if for any reason the Authority believes that the publication of such information would be harmful to the public interest or is in any way undesirable.

25. The Consultant assumes the following distinct and several risks to the extent they may arise from the negligent or willful intentional acts or omissions of the Consultant or its subconsultants in the performance of services hereunder:

A. The risk of loss or damage to Authority property arising out of or in connection with the performance of services hereunder;

B. The risk of loss or damage to any property of the Consultant or its subconsultants arising out of or in connection with the performance of services hereunder;

C. The risk of claims, arising out of or in connection with the performance of services hereunder, whether made against the Consultant or its subconsultants or against the Authority, for loss or damage to any property of the Consultant's agents, employees, subcontractors, subconsultants, materialmen or others performing services hereunder;

D. The risk of claims, just or unjust, by third persons made against the Consultant or its subconsultants or against the Authority on account of injuries (including wrongful death), loss or damage of any kind whatsoever arising in connection with the performance of services hereunder, including claims against the Consultant or its subconsultants or against the Authority for the payment of workers' compensation, whether such claims are made and whether such injuries, damage or loss are sustained at any time both before and after the completion of services hereunder.

The Consultant shall indemnify the Authority against all claims described in subparagraphs A through D above and for all expense incurred by the Authority in the defense, settlement or satisfaction thereof, including expenses of attorneys. If so directed by the Authority, the Consultant shall defend against any claim described in subparagraphs B, C and D above, in which event the Consultant shall not without obtaining express advance permission from the General



Counsel of the Authority raise any defense involving in any way the jurisdiction of the tribunal, immunity of the Authority, governmental nature of the Authority or the provisions of any statutes respecting suits against the Authority, such defense to be at the Consultant's cost.

The provisions of this clause shall also be for the benefit of the Commissioners, officers, agents and employees of the Authority, so that they shall have all the rights which they would have under this clause if they were named at each place above at which the Authority is named, including a direct right of action against the Consultant to enforce the foregoing indemnity, except, however, that the Authority may, at any time in its sole discretion and without liability on its part, cancel the benefit conferred on any of them by this clause, whether or not the occasion for invoking such benefit has already arisen at the time of such cancellation.

Neither the completion of services hereunder nor the making of payment (final or otherwise) shall release the Consultant from his obligations under this clause. Moreover, neither the enumeration in this clause or the enumeration elsewhere in this Agreement of particular risks assumed by the Consultant or of particular claims for which he is responsible shall be deemed (a) to limit the effect of the provisions of this clause or of any other clause of this Agreement relating to such risks or claims, (b) to imply that the Consultant assumes or is responsible for risks or claims only of the type enumerated in this clause or in any other clause of this Agreement, or (c) to limit the risks which the Consultant would assume or the claims for which he would be responsible in the absence of such enumerations.

No third party rights are created by the Agreement, except to the extent that the Agreement specifically provides otherwise by use of the words "benefit" or "direct right of action".

Inasmuch as the Authority has agreed to indemnify the Cities of New York and Newark against claims of the types described in subparagraph D above made against said cities, the Consultant's obligation under subparagraph D above shall include claims by said cities against the Authority for such indemnification.

## 26. LIABILITY INSURANCE AND WORKERS' COMPENSATION INSURANCE

### A. Commercial Liability Insurance:

The Consultant(s), and all of its/their subconsultants shall take out, maintain, and pay the premiums on Commercial General Liability Insurance for the life of the Agreement and such Insurance and shall be written on an ISO occurrence form CG 00 01 0413 or its equivalent covering the obligations assumed by the Consultant(s) under this Agreement, including, but not limited to, Premises-Operations, Products and Completed Operations, and Independent Contractor's coverages, with contractual liability language covering the obligations assumed by the Consultant(s) with insurance covering against claims for injuries to persons or damages to property which may arise from or in connection with products and materials supplied to the Agency in limits of not less than \$5,000,000 combined single limit per occurrence and in the annual aggregate, which aggregate shall apply separately to this Agreement, for Bodily Injury Liability and Property Damage Liability. If vehicles are to be used to carry out the performance of this Agreement, then the Consultant(s) shall also take out, maintain and pay the premiums on Automobile

Liability Insurance covering all owned, non-owned and hired autos in not less than \$5,000,000 combined single limit per accident for bodily injury and property damage.

The insurance shall be written on an occurrence basis, as distinguished from a “claims made” basis, and shall not include any exclusions for “action over claims” (insured vs. insured) and minimally arranged to provide and encompass at least the following coverages:

1. Contractual Liability to cover liability assumed under the Agreement;
2. Independent Contractor’s Coverage;
3. Premises-Operations, Products and Completed Operations Liability Insurance;
4. The insurance coverage (including primary, excess and/or umbrella) hereinafter afforded by the Consultant(s) and subconsultant(s) shall be primary insurance and non-contributory with respect to the additional insureds;
5. Excess/umbrella policies shall “follow form” to the underlying policies;
6. Excess/umbrella policies shall have a liberalization clause with drop down provision;
7. To the extent any coverage the Consultant(s) and subconsultant(s) obtains and/or maintains under this Agreement contains “Other Insurance” language or provisions shall not be applicable to the additional insureds or to any insurance coverage maintained by the additional insureds;
8. All insurance policies shall include a waiver of subrogation, as allowed by law, in favor of the additional insureds;
9. Defense costs must be outside of policy limits. Eroding limits policies are not permitted;
10. In the event the Consultant(s) and/or its subconsultant(s) obtains and/or maintains broader coverage and/or insurance in an amount greater than the minimum limits required under this Agreement, then the full limits of that insurance coverage will be available to respond to any claims asserted against the additional insureds that arises out of or is in any way connected with this Agreement;
11. Additional insureds coverage shall not be restricted to vicarious liability unless required by controlling law;

In addition, the liability policy(ies) shall be written on a form at least as broad as ISO Form CG 20 10 10 01 (for ongoing operations work) together with ISO Form CG 20 37 10 01 (for completed operations work) or their equivalent and endorses to name “The Port Authority of New York and New Jersey, and its related entities, their Commissioners, Directors, Superintendents, officers, partners, employees, agents, their affiliates, successors or assigns”, in addition to: NYSDOT, NYCDOT, for all operations at John F. Kennedy and LaGuardia Airports; Port Authority Trans-Hudson Corporation, for operations at PATH; AFCO/AvPORTS Management LLC, for operations at Teterboro Airport; and **Schedule 1 & 2** below, for operations in the World Trade Center Site as “Insured” (as defined in the policy or in an additional insured endorsement amending the

policy's "Who Is An Insured" language as the particular policy may provide) on its liabilities policies with respect to liability arising out of work or operations performed by or on behalf of the Consultant(s) including, but not limited to, materials, parts or equipment furnished in connection with such work or operations. The "Insured" shall be afforded coverage and defense as broad as if they are the first named insured and regardless of whether they are otherwise identified as additional insureds under the liability policies, including but not limited to premises-operations, products-completed operations of the Commercial General Liability Policy. Such additional insureds status shall be provided regardless of privity of contract between parties. The liability policy(ies) and certificate of insurance shall contain cross-liability language providing severability of interests so that coverage will respond as if separate policies were in force for each insured. An act or omission of one of the insureds shall not reduce or void coverage to the other insureds. The Consultant(s) is/are responsible for all deductibles or losses not covered by commercially procured insurance. Any portion of the coverage to be provided under a Self-Insured Retention (SIR) of the Consultant(s) is/are subject to the review and approval of the General Manager, Risk Finance. Furthermore, any insurance or self-insurance maintained by the above additional insureds shall not contribute to any loss or claim.

Any self-insured retention shall cover any liability imposed upon the Consultant(s) and any and all subsidiaries with respect to all operations and obligations assumed by the Consultant(s) and any and all subsidiaries. The undersigned represents that such program provides the Additional Insureds (as defined in the CONTRACT) with all rights, immunities and protections that would be provided by traditional independent insurance required under the Agreement, including, but not limited to, the defense obligations that insurers are required to undertake in liability policies pursuant to the terms of the Agreement.

If any of the Work is to be done on or at Authority facilities by the subconsultant and, if the Consultant(s) requires its subconsultant(s) to procure and maintain such insurance in the name of the Consultant(s), then such insurance as is required herein shall include and cover the additional insureds and it must have insurance limits not lower than those set forth by the Authority herein, along with all the insurance requirements in this "Insurance" section.

Further, it is the Consultant's responsibility to maintain, enforce and ensure that the type of coverages and all limits maintained by it and any of all subconsultants are accurate, adequate and in compliance with the Authority requirement. All certificates of insurance shall be turned over to the Authority prior to the start of work, and upon completion of the Agreement.

***"The Consultant, its subconsultant, and its insurer(s) shall not, without obtaining the express advance written permission from the General Counsel of the Port Authority, raise any defense involving in any way the jurisdiction of the Tribunal over the person of the Port Authority, the immunity of the Port Authority, its Commissioners, officers, agents or employees, the governmental nature of the Port Authority, or the provisions of any statutes respecting suits against the Port Authority."***

B. Workers' Compensation Insurance:

The Consultant(s) and its/their subconsultant(s) shall take out, maintain and pay premiums on Workers' Compensation Insurance in accordance with the requirements of law in the state(s) where work will take place, and Employer's Liability Insurance with limits of not less than \$1,000,000 each accident. Such policy shall include a waiver of subrogation endorsement in the benefit of the additional insureds.

C. Additional Coverages: The Consultant(s) shall have the policy endorsed when required by the Chief Engineer for specific services hereunder and include the additional premium cost thereof as an out-of-pocket expense:

1. Any/all activities performed airside must, at all times, be performed while under security escort as approved in advance, and in writing by the Project Manager. **If the services of the Consultant(s)**, as directed by the Authority, require the performance of services airside, the Commercial General Liability and Automobile Liability coverage limits stipulated in subparagraph 1, above, shall be increased to an amount not less than \$25,000,000 per occurrence as provided herein.
2. Endorsement to eliminate any exclusions applying to the explosion, collapse, and underground property damage (XCU) hazards.
3. Endorsement to eliminate any exclusions on account of ownership, maintenance, operation, use, loading or unloading of watercraft.
4. Coverage for work within fifty (50) feet of railroad.

D. Additional Coverages: The Consultant(s) shall have the policy endorsed when required by the Chief Engineer for specific services hereunder and include the additional premium cost thereof as an out-of-pocket expense:

1. United States Longshoremen's and Harbor Workers' Compensation Act Endorsement.
2. Coverage B Endorsement - Maritime (Masters or Members of the Crew of Vessels), in limits of not less than \$1,000,000 per occurrence.
3. Amendments to Coverage B, Federal Employers' Liability Act in limits of not less than \$1,000,000 per occurrence.

E. Professional Liability Insurance:

The Consultant(s) shall take out, maintain and pay premiums on Professional Liability Insurance in limits of not less than \$5,000,000 each occurrence, covering acts, errors, mistakes, and omissions arising out of the work or services performed by Consultant(s), or any person employed by Consultant(s). All endorsements and exclusions shall be evidenced on the certificate of insurance. The coverage shall be written on an occurrence basis or may be written on a claims made basis with a minimum of a three-year reporting/discovery period.

F. Environmental Liability Insurance:

If the Work involves Environmental/Hazardous Materials, then the Consultant and its subconsultant shall procure and maintain in force an Environmental Liability Insurance Policy covering the Consultant's pollution legal liability, including cleanup, transportation with limits not less than \$10,000,000 per occurrence for bodily injury and property damage tailored to the specific exposures as they relate to the Work of this Agreement

Such policy and any certificate of insurance submitted hereunder in relation to such policy shall (I) be expressly endorsed for each Authority facility under this Agreement and each transfer location, travel route and material disposition location selected by the Consultant, (ii) state that claims disputes and coverage shall be litigated in United States courts having jurisdiction, and not be limited to arbitration, and (III) acknowledge the Consultant's disclosure to the insurance carrier that the material may be considered a hazardous substance/waste under applicable law including, but not limited to, RCRA and/or CERCLA and/or the Toxic Substance Control Act (TSCA). It should be noted that the substances may be considered "hazardous" under CERCLA, but not necessarily "hazardous" under RCRA and that such materials if RCRA "hazardous" would require a manifest and disposal certificate under RCRA at a Subtitle C hazardous waste disposal facility. A copy of this Agreement, including all schedules and documents attached hereto, shall be provided to the insurance carrier.

The policy shall provide transportation coverage for the loading and unloading and hauling of waste materials, including asbestos material and lead paint, from the site to the final disposition location. Any additional insurance requirements, permits, licenses and other forms of documentation required by the United States Dept of Transportation, The Environmental Protection Agency and/or federal, state and local laws, rules and regulations shall be the sole responsibility of the Consultant. Deductibles shall not reduce the limit of liability. The policy form must "pay on behalf of" rather than "indemnify the insured". The policy shall not contain a sunset provision, or any other provision, which would prohibit the reporting of a claim and the subsequent defense and indemnity that would normally be provided by the policy.

Each policy above shall contain an endorsement that the policy may not be canceled, terminated or modified without thirty (30) days' prior written notice to the Project Manager, at the location where the work will take place with a copy to the General Manager, Risk Financing.

The Authority may, at any time during the term of this Agreement, change or modify the limits and coverages of insurance. Should the modification or change result in an additional premium, the General Manager, Risk Financing for the Authority may consider such cost as an out-of-pocket expense.

Within five (5) days after award of this Agreement and prior to the start of work at the site, the Consultant(s) must submit an original certificate of insurance, to the Project Manager and Exigis ([certificates-portauthority@riskworks.com](mailto:certificates-portauthority@riskworks.com)). This certificate of insurance MUST show evidence of the above insurance policy(ies), including, but not limited to, the title of this Agreement, the P. A. Agreement number, the notice of cancellation provisions, prior to the start of work. The Consultant(s) is/are also responsible for maintaining and conforming to all insurance requirements

from the additional insureds and their successors and assigns. The General Manager, Risk Financing must approve the certificate(s) of insurance before any work can begin. Upon request of the General Manager, Risk Management/Treasury, the Consultant shall furnish to the Authority a certified copy of each policy itself, including the provisions establishing premiums.

Renewal certificates of insurance or policies shall be delivered to the Authority's Project Manager, and upon request from the additional insureds, their successors or assigns at least fifteen (15) days prior to the expiration date of each expiring policy. The General Manager, Risk Management must approve the renewal certificate(s) of insurance before work can resume on the facility. If at any time any of the certificates or policies shall become unsatisfactory to the Authority, the Consultant(s) shall promptly obtain a new and satisfactory certificate and policy and provide same to the Authority.

If at any time the above liability insurance should be canceled, terminated, or modified so that the insurance is not in effect as above required, then, the Consultant(s) and all subconsultants shall suspend performance of the Agreement at the premises until a satisfactory insurance policy(ies) and certificate of insurance is provided to and approved by Risk Finance, unless the Facility or Project Manager directs the Consultant(s), in writing, to continue to performing work under the Agreement. If the Agreement is so suspended, no extension of time shall be due on account thereof.

Failure by the Consultant(s) to meet any of the insurance requirements, including the requirement that the Authority be afforded the full extent of the insurance obtained under this Agreement without limitation, shall be deemed a material breach of contract and may be a basis for termination of this Agreement by the Authority.

The requirements for insurance procured by the Consultant(s) shall not in any way be construed as a limitation on the nature or extent of the contractual obligations assumed by the Consultant(s) under this Agreement. The insurance requirements are not a representation by the Authority as to the adequacy of the insurance to protect the Consultant against the obligations imposed on them by law or by this or any other Agreement.

All insurance coverage shall be provided by the Consultant(s) and/or by or for any of its/their subconsultant(s) at no additional expense to the Authority and its related entities. A copy of this "Insurance" section shall be given to your insurance agent and subconsultant(s) and shall form a part of the covered Agreement for insurance purposes in furtherance of the insurance requirements of this Agreement.

## **Indemnitees and Additional Insureds**

### **Schedule 1**

#### **Certificate Holder:**

Port Authority of New York & New Jersey  
Treasury Department / Risk Financing Division  
150 Greenwich Street, 19<sup>th</sup> Floor,  
New York, NY 10007

- a) The Port Authority of New York and New Jersey

- b) WTC Retail LLC
- c) 1 World Trade Center LLC
- d) The Port Authority Trans-Hudson Corporation
- e) STV Construction, Inc.
- f) NYS Department of Transportation
- g) Tishman Construction Corporation
- h) Tishman Realty & Construction Co., Inc.
- i) Tishman Construction Corporation of New York
- j) Silverstein Freedom Tower Development LLC, and its Affiliates
- k) 2 World Trade Center LLC
- l) 3 World Trade Center LLC
- m) 4 World Trade Center LLC
- n) World Trade Center Properties LLC
- o) 1 WTC Holdings LLC
- p) 2 WTC Holdings LLC
- q) 3 WTC Holdings LLC
- r) 4 WTC Holdings LLC
- s) Silverstein Properties, Inc.
- t) Silverstein East WTC Facility Manager LLC
- u) WTC Redevelopment LLC
- v) Silverstein WTC Mgmt. Co. LLC
- w) Silverstein WTC Mgmt. Co. II LLC
- x) Silverstein WTC Properties LLC
- y) Silverstein WTC LLC
- z) Silverstein 2/3/4 WTC Redevelopment LLC
- aa) Spring World Inc.
- bb) Spring WTC Holdings Inc.
- cc) WTC Investors LLC
- dd) Net Lessees' Association of the World Trade Center
- ee) WTC Management and Development LLC
- ff) Silverstein WTC Management and Development LLC
- gg) WTC Investors Management and Development LLC
- hh) Larry A. Silverstein
- ii) World Trade Center Hold Co. Ltd
- jj) 3 WTC Mezz LLC.
- kk) The City of New York
- ll) The Lower Manhattan Development Corporation
- mm) The World Trade Center Memorial Foundation
- nn) Metropolitan Transportation Authority
- oo) Cushman & Wakefield, Inc

## Schedule 2

Durst 1 WTC Developer LLC  
Durst 1 WTC LLC

Durst 4th Investors LLC  
Durst Management and Development LLC  
Durst WTC Corporation  
Durst WTC Holding LLC  
New WTC Retail JV LLC  
New WTC Retail Owner LLC  
PA Retail Newco LLC  
Royal 1 WTC Management LLC  
Royal Realty Corp.  
SRDA Manager, LLC  
The Durst Manager LLC  
The Durst Organization Inc.  
The Durst Organization L.P.  
The Port Authority of New York and New Jersey  
The Port Authority Trans-Hudson Corporation  
Tower 1 Holdings LLC  
Tower 1 Joint Venture LLC  
Tower 1 Member LLC  
Tower 5 LLC  
WTC Retail LLC  
WTC Tower 1 LLC

Any and all owners and affiliated entities of the foregoing

**27. CERTIFICATION OF NO INVESTIGATION (CRIMINAL OR CIVIL ANTI-TRUST),  
INDICTMENT, CONVICTION, DEBARMENT, SUSPENSION, DISQUALIFICATION  
AND DISCLOSURE OF OTHER INFORMATION**

By proposing on this Agreement, each Consultant and each person signing on behalf of any Consultant certifies, and in the case of a joint proposal each party thereto certifies as to its own organization, that the Consultant and each parent and/or affiliate of the Consultant has not:

- A. been indicted or convicted in any jurisdiction;
- B. been suspended, debarred, found not responsible or otherwise disqualified from entering into any agreement with any governmental agency or been denied a government agreement for failure to meet standards related to the integrity of the Consultant;
- C. had an agreement terminated by any governmental agency for breach of agreement or for any cause based in whole or in part on an indictment or conviction;
- D. ever used a name, trade name or abbreviated name, or an Employer Identification Number different from those inserted in the Proposal;
- E. had any business or professional license suspended or revoked or, within the five years prior to proposal opening, had any sanction imposed in excess of fifty thousand dollars (\$50,000) as a result of any judicial or administrative proceeding with respect to any license held or with respect to any violation of a federal, state or local environmental law, rule or regulation;



F. had any sanction imposed as a result of a judicial or administrative proceeding related to fraud, extortion, bribery, bid rigging, proposal rigging, embezzlement, misrepresentation or anti-trust, regardless of the dollar amount of the sanctions or the date of their imposition; and

G. been, and is not currently, the subject of a criminal investigation by any federal, state or local prosecuting or investigative agency and/or a civil anti-trust investigation by any federal, state or local prosecuting or investigative agency, including an inspector general of a governmental agency or public authority.

**28. NON-COLLUSIVE PROPOSING, AND CODE OF ETHICS CERTIFICATION, CERTIFICATION OF NO SOLICITATION BASED ON COMMISSION, PERCENTAGE, BROKERAGE, CONTINGENT OR OTHER FEES**

By proposing on this Agreement, each Consultant and each person signing on behalf of any consultant certifies, and in the case of a joint proposal, each party thereto certifies as to its own organization, that:

A. the prices in its proposal have been arrived at independently without collusion, consultation, communication or agreement for the purpose of restricting competition, as to any matter relating to such prices with any other consultant or with any competitor;

B. the prices quoted in its proposal have not been and will not be knowingly disclosed directly or indirectly by the Consultant prior to the official opening of such proposal to any other consultant or to any competitor;

C. no attempt has been made and none will be made by the Consultant to induce any other person, partnership or corporation to submit or not to submit a proposal for the purpose of restricting competition;

D. this organization has not made any offers or agreements or taken any other action with respect to any Authority employee or former employee or immediate family member of either which would constitute a breach of ethical standards under the Code of Ethics dated March 11, 2014, or as may be revised, (a copy of which is available upon request to the Authority), nor does this organization have any knowledge of any act on the part of an Authority employee or former Authority employee relating either directly or indirectly to this organization which constitutes a breach of the ethical standards set forth in said Code;

E. no person or selling agency other than a bona fide employee or bona fide established commercial or selling agency maintained by the Consultant for the purpose of securing business, has been employed or retained by the Consultant to solicit or secure this Agreement on the understanding that a commission, percentage, brokerage, contingent, or other fee would be paid to such person or selling agency;

F. the Consultant has not offered, promised or given, demanded or accepted, any undue advantage, directly or indirectly, to or from a public official or employee, political candidate, party or party official, or any private sector employee (including a person who directs or works for a private sector enterprise in any capacity), in order to obtain, retain, or direct business or to secure any other improper advantage in connection with this Agreement; and

G. no person or organization has been retained, employed or designated on behalf of the Consultant to impact any Authority determination with respect to (i) the solicitation, evaluation or award of this Agreement; or (ii) the preparation of specifications or request for submissions in connection with this Agreement.

The certifications in this Section and the Section entitled "Certification of No Investigation (Criminal or Civil Anti-trust), Indictment, Conviction, Debarment Suspension, Disqualification and Disclosure of Other Information" shall be deemed to be made by the Consultant as follows:

\* if the Consultant is a corporation, such certification shall be deemed to have been made not only with respect to the Consultant itself, but also with respect to each parent, affiliate, director, and officer of the Consultant, as well as, to the best of the certifier's knowledge and belief, each stockholder of the Consultant with an ownership interest in excess of 10%;

\* if the Consultant is a partnership, such certification shall be deemed to have been made not only with respect to the Consultant itself, but also with respect to each partner.

Moreover, the certifications in this Section and the Section entitled "Certification of No Investigation (Criminal or Civil Anti-trust), Indictment, Conviction, Debarment Suspension, Disqualification and Disclosure of Other Information", if made by a corporate Consultant, shall be deemed to have been authorized by the Board of Directors of the Consultant, and such authorization shall be deemed to include the signing and submission of the proposal and the inclusion therein of such certification as the act and deed of the corporation.

In any case where the Consultant cannot make the certifications in this Section and the Section entitled "Certification of No Investigation (Criminal or Civil Anti-trust), Indictment, Conviction, Debarment Suspension, Disqualification and Disclosure of Other Information", the Consultant shall so state and shall furnish with the signed proposal a signed statement which sets forth in detail the reasons therefor. If the Consultant is uncertain as to whether it can make the foregoing certifications, it shall so indicate in a signed statement furnished with its proposal, setting forth in such statement the reasons for its uncertainty. With respect to the foregoing certification in paragraph "28G.", if the Consultant cannot make the certification, it shall provide, in writing, with the signed proposal: (i) a list of the name(s), address(es), telephone number(s), and place(s) of principal employment of each such individual or organization; and (ii) a statement as to whether such individual or organization has a "financial interest" in this Agreement, as described in the Procurement Disclosure Policy of the Authority (a copy of which is available upon request to the Chief Procurement Officer of the Authority). Such disclosure is to be updated, as necessary, up to the time of award of this Agreement. As a result of such disclosure, the Authority will take appropriate action up to and including a finding of non-responsibility.

Failure to make the required disclosures shall lead to administrative actions up to and including a finding of non-responsiveness or non-responsibility.

Notwithstanding that the Consultant may be able to make the certifications in this Section and the Section entitled "Certification of No Investigation (Criminal or Civil Anti-trust), Indictment, Conviction, Debarment Suspension, Disqualification and Disclosure of Other Information" at the time the proposal is submitted, the Consultant shall immediately notify the Authority in writing during the period of irrevocability of proposals on this Agreement or any extension of such period, or during the term of this Agreement, of any change of circumstances which might under this

clause make it unable to make the foregoing certifications, might render any portion of the certifications previously made invalid, or require disclosure. The foregoing certifications or signed statement shall be deemed to have been made by the Consultant with full knowledge that they would become a part of the records of the Authority and that the Authority will rely on their truth and accuracy in awarding this Agreement. In the event that the Authority should determine at any time prior or subsequent to the award of this Agreement that the Consultant has falsely certified as to any material item in the foregoing certifications, has failed to immediately notify the Port Authority of any change in circumstances which might make it unable to make the foregoing certifications, might render any portion of the certifications previously made invalid, or require disclosure, or has willfully or fraudulently furnished a signed statement which is false in any material respect, or has not fully and accurately represented any circumstance with respect to any item in the foregoing certifications required to be disclosed, the Authority may determine that the Consultant is not a responsible Consultant with respect to its proposal on the Agreement or with respect to future proposals on Authority agreements and may exercise such other remedies as are provided to it by the Agreement with respect to these matters. In addition, Consultant is advised that knowingly providing a false certification or statement pursuant hereto may be the basis for prosecution for offering a false instrument for filing (see, e.g., New York Penal Law, Section 175.30 et seq.). Consultant is also advised that the inability to make such certification will not in and of itself disqualify the Consultant and that in each instance the Authority will evaluate the reasons therefor provided by the Consultant.

Under certain circumstances, the Consultant may be required as a condition of award of this Agreement to enter into a Monitoring Agreement under which the Consultant will be required to take certain specified actions, including compensating an independent Monitor to be selected by the Authority. Said Monitor shall be charged with, among other things, auditing the actions of the Consultant to determine whether its business practices and relationships indicate a level of integrity sufficient to permit it to continue business with the Authority. Furthermore, the Consultant selected for performance of the subject services shall immediately notify the Authority in writing, at any time during the term of the Agreement, of any change of circumstances which might, under this clause, make it unable to make the foregoing certifications, or might require disclosure.

#### **29. CONSULTANT ELIGIBILITY FOR AWARD OF AGREEMENTS - DETERMINATION BY AN AGENCY OF THE STATE OF NEW YORK OR NEW JERSEY CONCERNING ELIGIBILITY TO RECEIVE PUBLIC AGREEMENTS**

Consultants are advised that the Authority has adopted a policy to the effect that in awarding its agreements it will honor any determination by an agency of the State of New York or of the State of New Jersey that a Consultant is not eligible to propose on or be awarded public agreements because the Consultant has been determined to have engaged in illegal or dishonest conduct or to have violated prevailing rate of wage legislation.

The policy permits a Consultant whose ineligibility has been so determined by an agency of the State of New York or of the State of New Jersey to submit a proposal on an Authority agreement and then to establish that it is eligible to be awarded an agreement on which it has proposed because (i) the state agency determination relied upon does not apply to the Consultant, or (ii) the state agency determination relied upon was made without affording the Consultant the notice and hearing to which the Consultant was entitled by the requirements of due process of law, or (iii) the

state agency determination was clearly erroneous or (iv) the state agency determination relied upon was not based on a finding of conduct demonstrating a lack of integrity or violation of a prevailing rate of wage law.

The full text of the resolution adopting the policy may be found in the Minutes of the Authority's Board of Commissioners meeting of September 9, 1993.

### 30. CONSULTANT RESPONSIBILITY, SUSPENSION OF WORK AND TERMINATION

During the term of this Agreement, the Consultant shall remain responsible. To be "responsible" shall mean (1) to have legal authority to do business in the State of New Jersey and/or the State of New York and (2) to possess, in the Authority's opinion, integrity, experience, ability, financial capacity and a satisfactory record of prior performance sufficient to perform the services required under this Agreement. The Consultant agrees, if requested by the Authority, to present evidence that the Consultant is responsible.

The Authority, in its sole discretion, reserves the right to suspend any or all activities under this Agreement, at any time, when it discovers information that calls into question the responsibility of the Consultant. The Authority may exercise this right to suspend the Consultant by giving the Consultant written notice outlining the particulars of such suspension. Upon receipt of such notice, the Consultant shall comply with the notice's terms. Agreement activity may resume at such time as the Authority issues another written notice authorizing a resumption of performance under the Agreement.

Upon written notice to the Consultant, and an opportunity to be heard with appropriate Authority officials or staff, the Agreement may be terminated by the Authority at the Consultant's expense when the Consultant is determined by the Authority not to be responsible (non-responsible). In such event, the Authority or its designee may complete the contractual requirements in any manner he or she may deem advisable and may pursue available legal or equitable remedies for breach, including recovery of costs from Consultant associated with such termination.

### 31. NO GIFTS, GRATUITIES, OFFERS OF EMPLOYMENT, ETC.

At all times, the Consultant shall not offer, give or agree to give anything of value either to an Authority employee, agent, job shopper, consultant, construction manager or other person or firm representing the Authority, or to a member of the immediate family (i.e., a spouse, child, parent, brother or sister) of any of the foregoing, in connection with the performance by such employee, agent, job shopper, consultant, construction manager or other person or firm representing the Authority of duties involving transactions with the Consultant on behalf of the Authority, whether or not such duties are related to this Agreement or to any other Authority agreement or matter. Any such conduct shall be deemed a material breach of this Agreement.

As used herein "anything of value" shall include but not be limited to any (a) favors, such as meals, entertainment, transportation (other than that contemplated by the Agreement or any other Authority agreement), etc., which might tend to obligate the Authority employee to the Consultant and (b) gift, gratuity, money, goods, equipment, services, lodging, or discounts not available to the general public, offers or promises of employment, loans or the cancellation thereof, preferential treatment or business opportunity. "Anything of value" shall not include compensation

contemplated by this Agreement or any other Authority agreement. Where used herein, the term “Port Authority” or “Authority” shall be deemed to include all subsidiaries of the Authority.

The Consultant shall ensure that no gratuities of any kind or nature whatsoever shall be solicited or accepted by it or by its personnel for any reason whatsoever from the passengers, tenants, customers or other persons using the Facility and shall so instruct its personnel.

In the event that the Consultant becomes aware of the occurrence of any conduct that is prohibited by this section entitled “No Gifts, Gratuities, Offers of Employment, Etc.”, it shall report such occurrence to the Authority’s Office of Inspector General within three (3) business days of obtaining such knowledge. (See “<http://www.panynj.gov/inspector-general>” for information about reporting information to the Office of Inspector General). Failing to report such conduct shall constitute grounds for a finding that the Consultant is non-responsible.

In addition, during the term of this Agreement, the Consultant shall not make an offer of employment or use confidential information in a manner proscribed by the Code of Ethics and Financial Disclosure dated March 11, 2014, or as may be revised, (a copy of which is available upon request to the Office of the Secretary of the Authority). Without the express written approval of the Chief Engineer, you shall keep confidential, and shall require your employees, your subconsultants and your subconsultant’s employees to keep confidential, a) all information disclosed by the Authority or its consultants to you or b) developed by you or your subconsultants in the performance of services hereunder. Disclosure of any such information shall constitute a material breach of the Agreement.

The Consultant shall include the provisions of this clause in each subagreement entered into under this Agreement.

## 32. CONFLICT OF INTEREST

During the term of this Agreement, the Consultant shall not participate in any way in the preparation, negotiation or award of any agreement (other than an agreement for its own services to the Authority) to which it is contemplated the Authority may become a party, nor shall the Consultant participate in any way in the review or resolution of a claim in connection with such an agreement if the Consultant has a substantial financial interest in any other consultant or potential consultant of the Authority or if the Consultant has an arrangement for future employment or for any other business relationship with said other consultant or potential consultant; nor shall the Consultant at any time take any other action which might be viewed as or give the appearance of conflict of interest on its part. If the possibility of such an arrangement for future employment or for another business arrangement has been or is the subject of a previous or current discussion, or if the Consultant has reason to believe such an arrangement may be the subject of future discussion, or if the Consultant has any financial interest, substantial or not, in any other consultant or potential consultant of the Authority, and if the Consultant’s participation in the preparation, negotiation or award of any agreement with such other consultant or the review or resolution of a claim in connection with such an agreement is contemplated or if the Consultant has reason to believe that any other situation exists which might be viewed as or give the appearance of a conflict of interest, the Consultant shall immediately inform the Authority in writing of such situation, giving the full details thereof. Unless the Consultant receives the specific written approval of the Authority, the Consultant shall not take the contemplated action which

might be viewed as or give the appearance of a conflict of interest. The Authority may require the Consultant to submit a mitigation plan addressing and mitigating any disclosed or undisclosed conflict, and such mitigation plan shall be subject to the approval of the Authority and shall become a requirement imposed on the Consultant, as though fully set forth in this Agreement. In the event the Authority shall determine that the performance by the Consultant of a portion of its services under this Agreement is precluded by the provisions of this numbered paragraph, or if a portion of the Consultant's said services is determined by the Authority to be no longer appropriate because of such preclusion, then the Authority shall have full authority on behalf of both parties to order that such portion of the Consultant's services not be performed by the Consultant, reserving the right, however, to have the services performed by others; and any lump sum compensation payable hereunder which is applicable to the deleted work shall be equitably adjusted by the parties. The Consultant's execution of this document shall constitute a representation by the Consultant that at the time of such execution the Consultant knows of no circumstances, present or anticipated, which come within the provisions of this paragraph or which might otherwise be viewed as or give the appearance of a conflict of interest on the Consultant's part. The Consultant acknowledges that the Authority may preclude it from involvement in certain disposition/privatization initiatives or transactions that result from the findings of its evaluations hereunder or from participation in any agreements that result, directly or indirectly, from the services provided by the Consultant hereunder. The Authority's determination regarding any conflict of interest shall be final.

### 33. DEFINITIONS

As used in sections 27 to 32 above, the following terms shall mean:

Affiliate - Two or more firms are affiliates if a parent owns more than fifty percent of the voting stock of each of the firms, or if a common shareholder or group of shareholders owns more than fifty percent of the voting stock of each of the firms, or if the firms have a common proprietor or general partner.

Agency or Governmental Agency - Any federal, state, city or other local agency, including departments, offices, public authorities and corporations, boards of education and higher education, public development corporations, local development corporations and others.

Investigation - Any inquiry made by any federal, state or local criminal prosecuting agency and any inquiry concerning civil anti-trust investigations made by any federal, state or local governmental agency. Except for inquiries concerning civil anti-trust investigations, the term does not include inquiries made by any civil government agency concerning compliance with any regulation the nature of which does not carry criminal penalties, nor does it include any background investigation for employment, or federal, state or local inquiries into tax returns.

Officer - Any individual who serves as chief executive officer, chief financial officer or chief operating officer of the Consultant by whatever titles known.

Parent - An individual, partnership, joint venture or corporation which owns more than 50% of the voting stock of the Consultant.

34. The entire agreement between the parties is contained herein and no change in or modification, termination or discharge of this Agreement in any form whatsoever shall be valid or enforceable

unless it is in writing and signed by the party to be charged therewith, or by his duly authorized representative, provided, however, that termination in the manner hereinbefore expressly provided shall be effective as so provided.

35. No Commissioner, officer, agent or employee of the Authority shall be charged personally by you with any liability or held liable to you under any term or provision of this Agreement, or because of its execution or attempted execution or because of any breach hereof.

36. References herein to the Authority shall and shall be deemed to mean equally the Port Authority Trans Hudson Corporation (PATH).

37. Nothing in this Agreement is intended to constitute the creation of an agency relationship between the Authority and the Consultant or any other right for the Consultant to act as the representative of the Authority for any purpose whatsoever except as may be specifically provided in this Agreement. It is hereby specifically acknowledged and understood that the Consultant, in performing its services hereunder, is and shall be at all times an independent contractor and the officers, agents and employees of the Consultant shall not be or be deemed to be agents, servants, or employees or "special employees" of the Authority.

FIRM NAME

- PAGE 30 -

DATE

38. If the foregoing meets with your approval, please indicate your acceptance by signing the original and the additional enclosed copy in the lower left-hand corner and returning them to the Authority.

Sincerely,

THE PORT AUTHORITY OF  
NEW YORK AND NEW JERSEY

\_\_\_\_\_  
Lillian D. Valenti  
Chief Procurement Officer

Date \_\_\_\_\_

The execution of this Agreement by the Consultant's duly authorized representative shall serve as a certification that no alterations have been made to this Agreement, and if any changes or alterations to this Agreement have been made by the Consultant without the Authority's prior written consent, such changes shall be void, non-binding and of no effect.

ACCEPTED:

FIRM NAME

By: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_



**INSTRUCTIONS**

If the selected Consultant firm is not located in the States of New York or New Jersey, change the number of the last Paragraph of this Agreement from "38" to "39" and insert a new Paragraph "38" as follows:

38. This Agreement shall be governed by and construed in accordance with the Laws of the State of New York without regard to conflict of laws principles.

**ATTACHMENT B**

**REQUEST FOR PROPOSALS FOR THE PERFORMANCE OF EXPERT  
PROFESSIONAL ASBESTOS AND LEAD ANALYSIS TECHNICAL SERVICES AS  
REQUESTED ON A “CALL-IN” BASIS DURING 2018 (RFP# 49864)**

**AGREEMENT ON TERMS OF DISCUSSION**

The Port Authority’s receipt or discussion of any information (including information contained in any proposal, vendor qualification(s), ideas, models, drawings, or other material communicated or exhibited by us or on our behalf) shall not impose any obligations whatsoever on the Port Authority or entitle us to any compensation therefor (except to the extent specifically provided in such written agreement, if any, as may be entered into between the Port Authority and us). Any such information given to the Port Authority before, with or after this Agreement on Terms of Discussion (“Agreement”), either orally or in writing, is not given in confidence. Such information may be used, or disclosed to others, for any purpose at any time without obligation or compensation and without liability of any kind whatsoever. Any statement which is inconsistent with this Agreement, whether made as part of or in connection with this Agreement, shall be void and of no effect. This Agreement is not intended, however, to grant to the Port Authority rights to any matter, which is the subject of valid existing or potential letters patent.

Any information (including information contained in any proposal, vendor qualification(s), ideas, models, drawings, or other material communicated or exhibited by us or on our behalf) provided in connection with this procurement is subject to the provisions of the Port Authority Public Records Access Policy adopted by the Port Authority’s Board of Commissioners, which may be found on the Port Authority website at: <http://corpinfo.panynj.gov/documents/Access-to-Port-Authority-Public-Records/>. The foregoing applies to any information, whether or not given at the invitation of the Authority.

\_\_\_\_\_  
(Company)

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Title)

\_\_\_\_\_  
(Date)

ORIGINAL AND PHOTOCOPIES OF THIS PAGE ONLY.  
DO NOT RETYPE.

**ATTACHMENT C**

**COMPANY PROFILE**

**REQUEST FOR PROPOSALS FOR THE PERFORMANCE OF EXPERT PROFESSIONAL  
ASBESTOS AND LEAD ANALYSIS TECHNICAL SERVICES AS REQUESTED ON A  
“CALL-IN” BASIS DURING 2018 (RFP# 49864)**

1. Company Name (print or type):

\_\_\_\_\_

2. Business Address (to receive mail for this RFP):

\_\_\_\_\_

\_\_\_\_\_

3. Business Telephone Number: \_\_\_\_\_

4. Business Fax Number: \_\_\_\_\_

5. Firm website: \_\_\_\_\_

6. Federal Employer Identification Number (EIN): \_\_\_\_\_

7. Date (MM/DD/YYYY) Firm was Established: \_\_\_\_/\_\_\_\_/\_\_\_\_

8. Name, Address and EIN of Affiliates or Subsidiaries (use a separate sheet if necessary):

\_\_\_\_\_

\_\_\_\_\_

9. Officer or Principal of Firm and Title:

\_\_\_\_\_

10. Name, telephone number, and email address of contact for questions:

\_\_\_\_\_

\_\_\_\_\_

11. Is your firm certified by the Authority as a Minority-owned, Woman-owned or Small Business Enterprise (M/W/SBE)?  Yes  No

If yes, please attach a copy of your **Port Authority** certification as a part of this profile.

If your firm is an MBE/WBE not currently certified by the Authority, see the Authority's web site – <http://www.panynj.gov/business-opportunities/supplier-diversity.html>, to receive information and apply for certification.

**COMPANY LETTERHEAD**

<b><u>NAME</u></b>	<b><u>TITLE</u></b>	<b><u>ACTUAL HOURLY RATE</u></b>
--------------------	---------------------	--------------------------------------

**Please include a copy of your firm’s salary schedule  
with your Proposal.**

**NO OTHER INFORMATION SHOULD APPEAR  
ON THE SALARY SCHEDULE OTHER THAN WHAT IS BEING  
REQUESTED.**

- **Indicate the Names, Titles, and Actual Hourly Rates that would be in effect at the start of the Agreement term (January 1, 2018 through December 31, 2018)**
- **Rates should reflect your Task Order Proposal submission for the subject services.**
- **Rates indicated should be for the Prime Consultant only, not subconsultants.**
- **Not Acceptable: Names left blank / “TBD”/Administrative Staff**

**Thank you.**

**EXHIBIT I  
ASBESTOS AND LEAD ANALYSIS**

ID	Parameter	Methods	Subcontractor	TURNAROUND TIME																	
				1 Hour		4 Hours		8 Hours		12 Hours		24 Hours		48 Hours		72-96hrs		1 week		2 weeks	
				Estimated Quantity	Unit Price	Estimated Quantity	Unit Price	Estimated Quantity	Unit Price	Estimated Quantity	Unit Price	Estimated Quantity	Unit Price	Estimated Quantity	Unit Price	Estimated Quantity	Unit Price	Estimated Quantity	Unit Price	Estimated Quantity	Unit Price
	(\$)		(\$)		(\$)		(\$)		(\$)		(\$)		(\$)		(\$)		(\$)		(\$)		
<b>Asbestos In Environmental &amp; Material Samples</b>																					
AE-2	TEM Determination of Asbestos Fibers in Settled Dust	ASTM D 5755 - 95								50		50		50		50		50			
AE-3	PCM for Airborne Fibers	NIOSH 7400	600		10000		2500		2500		7500		2000		1000		500		500		
AE-4	TEM to Determine Completion of Response Action	40 CFR 763 Appendix A to Subpart			250		500		200		200		100		50		50		50		
AE-5	TEM to Determine Personal Exposure to Asbestos Fibers	NIOSH 7402					25		25		35		25		25		25		20		
AM-1	Stratified Point-Counting PLM for Asbestos in Bulk Samples	EPA-600/M4-82-020 & NYS-DOH Item 198.1	200		350		650		250		1500		250		250		250		250		
AM-2a	Analysis of Asbestos in NOB Bulk Samples (>1% Asbestos by PLM)	NYS-DOH Item 198.4							200		400		400		100		50		50		
AM-2b	Analysis of Asbestos in NOB Bulk Sampled (TEM Reanalysis of NAD's by PLM)	NYS-DOH Item 198.6							150		500		150		100		50		50		
AM-3	Analysis of Asbestos in Vermiculite Containing Materials (VAM)	NYS-DOH Item 198.8									25		25		20		20		20		
AM-4	TEM Settled Dust in Wipes or Microvacs	ASTM 5755 or ASTM 6480									20		20		20		10		10		
<b>Lead In Environmental &amp; Material Sample by Flame AA (FLAA)</b>																					
IH-1a	Lead in Air	NIOSH 7082			400		300		300		600		600		250		250		250		
IH-2a	Lead in Soils	SW-846-7420					250		250		200		100		50		50		25		
IH-3a	Lead in Wipes	SW-846-7420					100		50		50		50		25		25		25		
IH-4a	Lead in Paint Chips	SW-846-7420			100		100		150		500		400		50		25		25		
IH-5a	Lead in Waste Water	SW-846-7000B					40		50		40		40		25		25		25		
IH-6a	Lead Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311											40		40		40		40		
<b>Lead In Environmental &amp; Material Sample by Graphite Furnace AA (GFAA)</b>																					
IH-1b	Lead in Air	NIOSH 7105					100		100		200		200		200		100		100		
IH-3b	Lead in Drinking Water	EPA 200.9									100		100		100		50		50		
IH-5b	Lead in Waste Water	SW-846-7010/7421									100		100		100		50		50		
IH-2b	Lead in Soils	SW-846-7010/7421									100		100		100		50		50		
<b>Lead In Environmental &amp; Material Sample by Inductively Coupled Plasma (ICP)</b>																					
IH-5c	Lead in Waste Water	SW-846-6010C/200.7									25		100		200		200		200		
IH-2c	Lead in Soils	SW-846-6010C									25		25		25		25		25		
IH-3c	Lead in Wipes	SW-846-6010C									25		25		25		25		25		
IH-1c	Lead in Air	NIOSH 7300 Mod									25		25		25		25		25		
<b>Chlorides in Concrete/Mortar</b>																					
CO-1	Acid Soluble Chloride in Concrete	ASTM C1152									10		10		10		10		10		
CO-2	Water Soluble Chloride in Concrete	ASTM C1218									10		10		10		10		10		
<b>Identification of Unknown Construction Materials</b>																					
UN-1	FTIR	Qualitative											3		3		3		3		
UN-2	XRF, XRD	Qualitative											3		3		3		3		
UN-3	GC/MS	Qualitative											3		3		3		3		