

**NJ TRANSIT AGREEMENT NO. 16-006
LONG SLIP FILL AND RAIL ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING & CONSTRUCTION
ASSISTANCE SERVICES**

EXECUTED CONTRACT DOCUMENT WITH ALL ATTACHMENTS

AGREEMENT NO. 16-006

BETWEEN

NEW JERSEY TRANSIT CORPORATION

AND

AECOM TECHNICAL SERVICES, INC.

FOR PROFESSIONAL SERVICES

This Agreement made as of December 21 2017, between the New Jersey Transit Corporation (hereinafter "NJ TRANSIT"), a public instrumentality of the State of New Jersey and AECOM Technical Services, Inc. having its principal place of business at One Penn Plaza, New York, New York 10119 (hereinafter the "Consultant").

WITNESSETH:

WHEREAS, the Board of Directors of NJ TRANSIT, at its meeting of April 4, 2017, authorized the Executive Director to enter into this Agreement ("Agreement" or "Contract") with the Consultant for the Long Slip Fill and Rail Enhancement Project – Preliminary and Final Design Services; and

WHEREAS, the said Consultant, for and in consideration of the payments hereinafter specified and agreed to be made by NJ TRANSIT, hereby covenants and agrees to commence and complete the work as follows:

NOW, THEREFORE, in consideration of the mutual covenants and conditions herein contained, the parties hereto covenant and agree with each other as follows:

1. CONSULTANT SERVICES: The Consultant, at the direction of NJ TRANSIT, shall provide to NJ TRANSIT services in conformance with the description of services, deliverables, standards of performance, and acceptance criteria set forth in Exhibit A (Scope of Services), annexed hereto and made a part hereof.
2. COMPENSATION: This Agreement is a cost plus fixed fee contract. NJ TRANSIT will, subject to the availability of funds and audits, pay the Consultant for work identified in Exhibit A (Scope

of Services). The Consultant's total costs and fees have been identified as an amount not to exceed \$8,424,519.80 as set forth in Exhibit B (Cost Information), annexed hereto and made part hereof. The costs have been identified as \$3,223,779.58 for direct labor, \$4,281,459.91 for indirect costs, and \$168,756.37 for direct expenses. The fixed fee has been identified as \$750,523.95. Payment shall only be made for work that is actually performed and accepted by NJ TRANSIT. The Consultant shall render monthly invoices for direct and indirect charges incurred pursuant to this Agreement no later than two (2) weeks after the end of the month. NJ TRANSIT will make payment within thirty calendar (30) days after approval of the Consultant's invoice. The invoices shall be detailed in accordance with procedures and formats prescribed by NJ TRANSIT.

Prompt Payment: The Consultant agrees to pay each Subconsultant and Supplier under this Contract for satisfactory performance of completed work under its subcontract no later than ten (10) calendar days from the receipt of each payment the Consultant receives from NJ TRANSIT. The Consultant shall ensure that all lower tier Subconsultants and Suppliers are paid all invoiced amounts that meet all applicable requirements within fifteen (15) calendar days from the time the Subconsultant receives payment from the Consultant.

All costs incurred under this Agreement by the Consultant and approved Subconsultants, including those costs resulting from changes to, modifications of and termination of the Agreement, at a minimum, must be considered allowable and allocable in accordance with the cost principles of Part 31 of the Federal Acquisition Regulations (48 C.F.R., Part 31). The Contracting Officer's determination on the allowability, allocability and reasonableness of incurred costs shall be final and conclusive. The Contracting Officer for NJ TRANSIT shall be the Chief of Procurement & Support Services or his/her designees within NJ TRANSIT's Procurement Department.

Direct labor rates shall be the wages or salaries actually paid to employees, principals or partners directly charging time to the project for work performed as required by Exhibit A (Scope of Services).

Maximum provisional indirect cost rates (e.g. fringes, overhead, G&A, etc.) have been computed by the Consultant for it and its Subconsultants and are considered acceptable by NJ TRANSIT.

The following provisional rates shall be in effect for the duration of the Agreement unless revised as mutually agreed or adjusted as provided below:

<i>Firm</i>	<i>Contract Year 1</i>
AECOM Technical Services, Inc.	139.14%
InGroup Networking, Inc.	181.40%
Jois Construction Management System, Inc. (JCMS)	117.64%
Jacobs Engineering Group, Inc.	110.61%
NAIK Consulting Group, P.C.	132.28%
Sowinski Sullivan Architects, PC (SSA)	132.00%
Yu & Associates, Inc.	168.00%
VJ Associates of New Jersey, Inc.	112.66%

Should the Consultant's or any of its Subconsultant's actual indirect cost rates for their fiscal year be determined to be less than the established maximum provisional indirect cost rates, and should the amount invoiced by and paid to the Consultant exceed those rates for that fiscal year, then the amounts invoiced shall be adjusted downward as compared to the actual indirect cost rate and overpayment amounts including the corresponding fixed fee shall be remitted to NJ TRANSIT.

Direct expenses shall be only those costs which are necessary to accomplish the scope of services and not excludable as direct costs by the Federal Acquisition Regulations or not otherwise compensated under the Consultant's direct labor and indirect cost rates. All direct expense purchases of goods, materials and services made by the Consultant on behalf of NJ TRANSIT shall be competitively procured wherever practicable.

Direct expense compensation for travel, subsistence and lodging costs shall comply with the NJ TRANSIT Travel and Business Reimbursement Guidelines (Exhibit C).

Direct labor rates, hours and costs, indirect labor rates and costs and direct expenses invoiced by the Consultant and paid by NJ TRANSIT are subject to audit and downward adjustment by NJ TRANSIT, in its sole discretion. Any determination of an overpayment by NJ TRANSIT as a result of an audit shall be final and conclusive of the amounts to be refunded. All overpayments shall be reimbursed to NJ TRANSIT within thirty (30) calendar days of notification. Alternatively, NJ TRANSIT may deduct the

overpayment amount from payments owed to the Consultant under this or any other agreement with NJ TRANSIT. No upward adjustments shall be allowed.

Within 180 calendar days after the end of the Consultant's and Subconsultant's fiscal year or for accounting periods of no less than three months should the contract terminate, the Consultant and Subconsultants shall furnish NJ TRANSIT with a Statement of Indirect Labor Costs (Statement of Overhead) attesting that the statement has been prepared in conformity with accounting principles generally accepted in the United States and reflect all adjustments required by Part 31 of the Federal Acquisition Regulations. Such fiscal year or stub period statements must be certified by an independent public accountant. Failure to provide the requisite Statement of Indirect Labor Costs (Statement of Overhead) in a format acceptable to NJ TRANSIT may result in NJ TRANSIT withholding payment of fee and all or a portion of Indirect Labor Costs in an amount determined by NJ TRANSIT.

Interest payable on excess direct labor cost, indirect labor costs (overhead) or any other excess amounts paid to the Consultant by NJ TRANSIT, and not previously remitted to NJ TRANSIT within thirty (30) calendar days of notification by NJ TRANSIT, shall accrue at the prime rate as established by the United States Federal Reserve and published in The Wall Street Journal. Interest shall be applied to balances owed to NJ TRANSIT in excess of \$5,000. Application of interest to excess payments made in the preceding fiscal year shall begin six (6) months after the close of the Consultant's fiscal year. Interest shall continue to accrue monthly at the prime rate until all amounts have been remitted to NJ TRANSIT, unless amounts owed NJ TRANSIT, including accrued interest, have been deducted by NJ TRANSIT from any payments owed the Consultant on this or any other agreement.

Costs incurred above the contract amounts identified in Exhibit B (Cost Information) are not reimbursable, except as authorized by the Contracting Officer in writing in accordance with Article 5, MODIFICATION OF AGREEMENT.

3. LIMITATION OF FUNDS:

A.) The Consultant estimates that performance of this Agreement will not cost NJ TRANSIT more than the estimated amount specified in Exhibit B (Cost Information). The Consultant agrees to make every effort to perform the work specified in Exhibit A (Scope of Services) and all obligations under this Agreement within the estimated amount specified in Exhibit B (Cost Information).

B.) The Purchase Order specifies the amount presently available for payment by NJ TRANSIT and allotted to the Scope of Services and the tasks the allotted amount will cover. The parties contemplate that NJ TRANSIT will allot additional funds incrementally to the Purchase Order up to the full estimated cost as specified in Exhibit B (Cost Information) inclusive of all fees. The Consultant agrees to perform, or have performed, work on the Agreement up to the point at which the total amount paid and payable by NJ TRANSIT under the Agreement approximates but does not exceed the total amount actually allotted by NJ TRANSIT for each of the tasks identified in the Agreement.

C.) The Consultant shall notify the Contracting Officer in writing whenever it has reason to believe that within the next sixty (60) calendar days the costs it expects to incur under this Agreement to complete the Scope of Services, when added to all costs previously incurred, will exceed seventy-five percent (75%) of the total amount so far allotted by NJ TRANSIT. The notice shall state the estimated amount, if any of additional funds required to continue and complete performance of the Scope of Services, as specified in Exhibit A (Scope of Services), beyond the total allotted amount specified in Exhibit B (Cost Information).

D.) If, after notification by the Consultant pursuant to paragraph C above, additional funds are not allotted for the Scope of Services, the Contracting Officer may terminate this Agreement, in whole or in part, in accordance with the provisions of Article 15, TERMINATION OF THE AGREEMENT FOR CONVENIENCE.

E.) Except as required by other provisions of this Agreement:

1.) NJ TRANSIT is not obligated to reimburse the Consultant for costs incurred in excess of the amount allotted in total by NJ TRANSIT for this Agreement; and

2.) The Consultant is not obligated to continue performance under this Agreement (excluding actions under Article 15, TERMINATION OF THE AGREEMENT FOR CONVENIENCE) or otherwise incur costs in excess of the amount then allotted to the Agreement by NJ TRANSIT until the Contracting Officer notifies the Consultant in writing that the amount allotted by NJ TRANSIT has been increased and specifies an increased amount, which shall then constitute the total amount allotted by task and in total by NJ TRANSIT for this Agreement.

F.) No notice, communication, or representation in any form other than that specified by the Contracting Officer in writing shall affect the amount allotted by NJ TRANSIT to this Agreement. In the absence of the notice specified in Paragraph C, NJ TRANSIT is not obligated to reimburse the Consultant for any costs in excess of the total costs and fees specified in Exhibit B (Cost Information) to this Agreement, whether incurred during the course of the Agreement or as a result of termination.

G.) Change Orders shall not be considered an authorization to exceed the amount allotted by NJ TRANSIT specified in Exhibit B (Cost Information), unless they contain a statement increasing the amount allotted.

H.) Nothing in this clause shall affect the right of NJ TRANSIT to terminate this Agreement.

I.) If NJ TRANSIT does not allot sufficient funds to allow completion of the work, the Consultant will be entitled to the actual costs incurred plus a percentage of the fixed fee specified in Exhibit B (Cost Information) not to exceed the percentage of completion of the work contemplated by this Agreement.

4. EFFECTIVE DATE AND TERM OF AGREEMENT: This Agreement shall become binding upon the parties hereto when executed on behalf of NJ TRANSIT by the Contracting Officer or his/her designee. The Consultant shall commence work upon the Scope of Services within five (5) calendar days upon receipt of a written Notice to Proceed to that effect which shall be issued on behalf of NJ TRANSIT by its Contracting Officer or his/her designee upon the execution of the Agreement by NJ TRANSIT. The Consultant shall complete the Scope of Services within twenty (20) months from the issuance of the written Notice to Proceed.

5. MODIFICATION OF AGREEMENT:

A.) The Scope of Services set forth in Exhibit A of this Agreement may be reduced, modified or expanded within the scope of this Agreement by written contract modifications executed by NJ TRANSIT's Contracting Officer or his/her designee and the Consultant.

Except as provided in Paragraph B, below, in the event that NJ TRANSIT requires a reduction, expansion, or modification of the Scope of Services of this Agreement, the Contracting Officer will issue to the Consultant a written notification which specifies such reduction, expansion, or modification.

Within fifteen (15) calendar days after receipt of the written notification, the Consultant shall provide the Contracting Officer with a detailed cost and schedule proposal for the work to be performed or to be reduced. This proposal may be accepted by NJ TRANSIT's Contracting Officer or his/her designee or modified by negotiations between the Consultant and NJ TRANSIT's Contracting Officer or his/her designee. A contract modification (Change Order) shall be effective only if executed in writing by both parties.

B.) Notwithstanding Paragraph A. above, the Contracting Officer may at any time, by written order, make changes within the general scope of this Agreement to the work to be performed by the Consultant. If any such change causes an increase or decrease in the estimated cost of, or the time required for, the performance of any part of the work under this Agreement, whether or not changed by the order, the Contracting Officer may make such adjustments as are appropriate and equitable and shall modify the Agreement in writing accordingly. Any claim by the Consultant for adjustment under this clause must be asserted within thirty (30) calendar days from the date of receipt by the Consultant of the notification of change; provided however, that the Contracting Officer, if he decides that the facts justify such action, may receive and act upon such claim asserted at any time prior to final payment under this Agreement. Failure to agree to any adjustment shall be a dispute within the meaning of Article 35, DISPUTES. However, nothing in this clause shall excuse the Consultant from proceeding with the Agreement as changed.

C.) No services for which an additional cost or fee will be charged by the Consultant shall be furnished without the prior express written authorization of the Contracting Officer.

D.) Unless specified in a written contract modification, no change, reduction, modification or expansion of the Scope of Services within or beyond the scope of this Agreement shall serve to modify the terms and conditions of this Agreement.

E.) Whenever an "AS DIRECTED TASK" appears in Exhibit A (Scope of Services) and Exhibit B (Cost Information), NJ TRANSIT has provided an allowance for additional or supplemental work that has not yet been defined. This allowance is provided for the sole convenience of NJ TRANSIT and may only be used for work authorized by NJ TRANSIT's Contracting Officer or his/her designee.

All additional or supplemental work authorized under this provision will be incorporated into the Agreement by Change Order pursuant to Article 5, MODIFICATION OF AGREEMENT. The Change

Order will describe the additional or supplemental work with any associated cost changes and will reduce the "AS DIRECTED TASK" allowance in the amount specified in the Change Order. Residual amounts remaining in the "AS DIRECTED TASK" allowance may be deleted from the Agreement by NJ TRANSIT at any time at NJ TRANSIT's sole discretion or at the completion of all work.

6. STATUS REPORTS: The Consultant shall submit to NJ TRANSIT monthly or more frequently, at the discretion of NJ TRANSIT, a written status report outlining the status of the Project to date. Each status report shall be a concise narrative description of activities to date and planned activities for the coming month or other period and include, at a minimum: the period's accomplishments by deliverable and/or task; status of deliverables; work-in-progress; next steps; listings and status of documents/data requested; potential impacts to the scope of work, cost or schedule; items or issues identified; total weekly and cumulative hours by task, deliverable, and person; projected hours to complete each task/deliverable; and any other information NJ TRANSIT may require. A final report, one (1) original and seven (7) copies, and one copy in an electronic format acceptable to NJ TRANSIT shall be submitted by the Consultant upon completion of the project.

7. REVIEWS: Until the completion of the Scope of Services by the Consultant and the final payment made by NJ TRANSIT, the Consultant shall allow representatives of NJ TRANSIT to visit the offices and other places of work of the Consultant periodically without prior notice to monitor the Consultant's work completed or in progress pursuant to this Agreement. NJ TRANSIT will, within a reasonable time, review and act upon all documents submitted by the Consultant. Both parties agree that if either party deems it advisable to hold either a conference or any inspection of work in progress, all parties shall be notified and may participate.

8. ACCEPTANCE OF THE CONSULTANT'S WORK: All services and deliverables that the Consultant must provide and deliver to NJ TRANSIT, as specified in Exhibit A (Scope of Services), shall be provided and delivered to the designated NJ TRANSIT Project Manager. The Project Manager will examine and inspect the deliverables and shall have the right in his/her reasonable judgment to refuse to accept any services or deliverables if they do not meet the requirements of the Scope of Services. Such inspection does not relieve the Consultant of its liability regarding any deficiencies in the performance of the Scope of Services or deliverables, whether obvious or not. If any deliverables are not accepted, NJ

TRANSIT may terminate this Agreement, in whole or in part, in accordance with Article 16, TERMINATION OF THE AGREEMENT FOR CAUSE.

9. OVERPAYMENTS: If at any point NJ TRANSIT determines that the Consultant has been overpaid, NJ TRANSIT shall notify the Consultant in writing of the overpayment. The Consultant shall repay the amount of overpayment to NJ TRANSIT within thirty (30) calendar days of said notification including interest as applicable.

10. ASSIGNMENT, SUBCONTRACT AND DISPOSITION APPROVAL: The Consultant shall not sell, transfer or otherwise dispose of this Agreement or its interest therein to any other parties without the prior written consent of NJ TRANSIT's Contracting Officer or his/her designee. The Consultant shall not, without the prior written approval of NJ TRANSIT's Contracting Officer or his/her designee, assign or subcontract any of the Scope of Services under this Agreement. Neither shall any assignee or Subconsultant, without the prior written approval of NJ TRANSIT, further assign or subcontract any of the work to be performed pursuant to this Agreement.

The terms of this Agreement shall be incorporated into and made part of any assignment or subcontract pursuant to this Agreement. As a condition of obtaining NJ TRANSIT's approval of any proposed assignee or Subconsultant, the Consultant shall provide NJ TRANSIT with sufficient documentation regarding the proposed Subconsultant or assignee for NJ TRANSIT's review and approval and shall provide to NJ TRANSIT a copy of the agreement established between the Consultant and its Subconsultant or assignee. Any assignment or subcontract of work to be performed under this Agreement, entered into without prior written approval by NJ TRANSIT's Contracting Officer or his/her designee, shall be void and unenforceable unless NJ TRANSIT's Contracting Officer or his/her designee subsequently gives written approval or consent.

If the Consultant's assignee or Subconsultant fails to perform in accordance with the terms of its assignment or subcontract, the Consultant shall complete or pay to have completed the work which the assignee or Subconsultant failed to complete at no additional cost to NJ TRANSIT.

11. INDEMNIFICATION: The Consultant shall defend, indemnify and save harmless the State of New Jersey, NJ TRANSIT, the U.S. Department of Transportation (USDOT), the Federal Transit Administration (FTA) (if the Agreement is in whole or part federally funded), , and their officers,

employees, servants and agents ("Indemnified Parties") from all suits, actions, claims of any character including, but not limited to, expenditures and costs of investigations, hiring of witnesses, court costs, counsel fees, settlements, judgments or otherwise, brought because of any injuries or damage received or sustained by any person, persons, or property on account of the operations of said Consultant or its Subconsultant in the performance of the work, to the extent due to any negligent act, omission, neglect, or misconduct of said Consultant or its Subconsultant in the performance of the work specified in this Agreement; or from any claims or amounts arising or recovered under the Worker's Compensation Act, or any other law, ordinance, order, or decree. So much of the money due the said Consultant under and by virtue of this Agreement as may be considered necessary by NJ TRANSIT for such purpose may be retained for the use of NJ TRANSIT; except that money due to the Consultant will not be withheld when the Consultant produces satisfactory evidence that it is adequately protected by the insurance coverages required in Article 12, INSURANCE. NJ TRANSIT shall, as soon as practicable after a claim has been made against it, give written notice thereof to the Consultant along with full and complete particulars of the claim. If the suit is brought against NJ TRANSIT, NJ TRANSIT shall immediately forward to the Consultant every claim, demand, complaint, notice, summons, pleading or other process received by NJ TRANSIT. NJ TRANSIT shall have the right, but not the obligation, to participate, to the extent it deems appropriate, in the defense of the matter and must concur in the terms of any settlement or other voluntary disposition of the matter. In the defense of any such claims, demands, suits, actions and proceedings, the Consultant shall not raise or introduce, without the express written permission in advance of the Office of the Attorney General of the State of New Jersey, any defense involving in any way the immunity of NJ TRANSIT or the State of New Jersey, the jurisdiction of the tribunal over NJ TRANSIT or the State of New Jersey, or the provisions of any statutes respecting suits against NJ TRANSIT or the State of New Jersey.

The Consultant is an independent professional firm contracting with NJ TRANSIT to provide specialized services. The Consultant, its officers, partners, employees, agents and servants are not to be deemed employees, agents, extensions of staff or servants of NJ TRANSIT. The Consultant assumes full responsibility for liability arising out of its conduct and the conduct of its Subconsultants whether by action or inaction. NJ TRANSIT assumes no liability or responsibility for the acts of the Consultant, its officers, partners, employees, agents, or servants, by virtue of entering into this Agreement.

Notwithstanding anything in this agreement, it is agreed that Consultant shall not be liable in any event for any special or consequential damages suffered by NJ TRANSIT arising out of the services hereunder. Special or consequential damages as used herein shall include, but not be limited to, loss of capital, loss of product, loss of use of any system, or other property, or any other indirect, special or consequential damage, whether arising in contract, tort (including negligence), warranty or strict liability.

12. INSURANCE: The Consultant agrees to carry and shall require its assignees and Subconsultants, if any, to carry professional liability insurance of the type necessary to protect the Consultant from professional liability arising out of the negligent acts, errors or omissions of the Consultant in connection with the performance of the Consultant's services pursuant to this Agreement. Said insurance shall be in an amount not less than \$5,000,000 for any one claim and annual aggregate with a deductible not to exceed \$50,000 for any one claim, unless approved otherwise by NJ TRANSIT. The Consultant agrees to maintain this coverage for three (3) years after completion of this Agreement including any amendments thereto. There shall be no exclusions in coverage for the insured's interest in a joint venture or Limited Liability Company or Limited Liability Partnership. There shall be no exclusions in coverage for pollution, mold or asbestos. The policy shall include contractual liability coverage.

The Consultant agrees to carry, and shall require its assignees and Subconsultants, if any, to carry, commercial general liability insurance using ISO Occurrence Form CG0001 10/93 or equivalent. The policy shall provide a minimum amount of \$5,000,000 each occurrence, \$5,000,000 personal and advertising injury, \$5,000,000 general aggregate and \$5,000,000 products completed operations aggregate. Coverage provided under this liability policy shall be on an occurrence basis and shall include, but not be limited to, bodily injury and property damage coverage including products liability/completed operations coverage, premises operations liability, blanket contractual liability, personal injury liability, advertising injury coverage, independent contractors liability, mobile equipment, damage from explosion, collapse and underground hazards, and cross liability and severability of interests clause. Additional insured endorsement CG2026 11/85, CG 2010 11/85 or CG 2010 10/93 (but only if modified to include both ongoing and completed operations) naming NJ TRANSIT and the State of New Jersey and the Indemnified Parties and coverage must apply on a primary and non-contributory basis. The policy shall allow the Consultant to waive its and its insurer's rights of subrogation. There shall be no coverage exceptions for

property containing or adjacent to railroad facilities or other transportation facilities. The Consultant shall furnish completed operations insurance written to the limits stipulated herein for Commercial General Liability Insurance. Coverage shall be required and maintained in force for a minimum of three (3) years following acceptance of the overall Contract, regardless of any beneficial occupancy by NJ TRANSIT during the Contract term.

The Consultant agrees to carry, and shall require its assignees and Subconsultants, if any, to carry automobile liability insurance applicable to all owned, non-owned, hired or leased vehicle with a minimum of \$1,000,000 combined single limit for bodily injury and property damage. With respect to said insurance, NJ TRANSIT and the Indemnified Parties shall be named as an additional insured at no additional cost to NJ TRANSIT.

The Consultant shall take out, secure and maintain during the term of this Agreement and shall require its assignees and Subconsultants, if any, to secure and maintain during the term of this Agreement, a policy of workers' compensation insurance in compliance with the laws of the state where the work is to be performed. In case any class of employees on the project under this Agreement is not protected under the Worker's Compensation Statute, the Consultant shall provide and shall cause each Subconsultant to provide employer's liability insurance for the protection of each of its employees as are not otherwise protected. Limits of Employer Liability are as follows: Employer's Liability: \$1,000,000 each accident / \$1,000,000 each employee disease / \$1,000,000 policy limit – disease.

The Consultant agrees to carry, and shall require its assignees and Subconsultants, if any, to carry, contractor's pollution liability insurance covering the liability arising out of any sudden and/or non-sudden pollution or impairment of the environment, including clean-up and disposal costs and defense that arise from the operation of Consultant or its Subconsultants. Coverage under this policy shall have limits of liability with a minimum of \$2,000,000 per occurrence. Transport of any hazardous waste generated under this Agreement shall require Hazardous Waste Haulers Insurance (MCS90) in an amount of \$2,000,000 per occurrence or statutory minimum, whichever is greater. This policy shall name NJ TRANSIT and the Indemnified Parties as additional insured at no cost to NJ TRANSIT.

Should it be required, NJ TRANSIT will provide Railroad Protective Comprehensive General Liability Insurance coverage for this Agreement.

All policies are to be written by insurance companies authorized to do business in New Jersey with an A.M. Best and Company rating of "A-" or better (or equivalent rating). All policies shall contain an endorsement that if the policy is canceled, non-renewed or is subject to any material reduction in limits, the Insurer will provide written notice to NJ TRANSIT at least thirty (30) calendar days prior to the occurrence of such event in accordance with Article 34, NOTIFICATION with a copy to NJ TRANSIT's Senior Director of Risk Management as follows:

NJ TRANSIT
One Penn Plaza East
Newark, New Jersey 07105-2246
Attn: Senior Director, Risk Management

The foregoing insurance coverage is not intended to nor does it limit the liability of the Consultant to hold the Indemnified Parties harmless.

The Consultant shall provide NJ TRANSIT with evidence of the Consultant's insurance. Said insurance shall be maintained in full force and effect by the Consultant, Subconsultant and assignee, if any, from the effective date of this Agreement until completion of and final payment for the Scope of Services. If the Consultant (Subconsultant or assignee) shall fail or refuse to renew its insurance, as necessary, NJ TRANSIT may cancel or refuse to make payment of any further monies due under this Agreement. In lieu of requiring its assignees or Subconsultants to carry this coverage, the Consultant may elect to cover them under its policies of insurance.

13. AUDIT AND INSPECTION OF RECORDS: The Consultant shall retain all records and permit the authorized representatives of NJ TRANSIT, the State of New Jersey, the USDOT, the FTA and the Comptroller of the United States and their duly authorized representatives, such as Project Management Oversight (PMO), Integrity Oversight Monitors (IOM) etc., to inspect and audit all financial data, operational data and other records of the Consultant including but not limited to disclosure forms, payment requests, change orders, invoices, certified payrolls, manifests, etc. related to products, transactions or services provided under this Agreement including the performance of its Subconsultants from the Advertisement of this Request for Proposal (RFP) and for five years after final payment under this Agreement has been made.

NJ TRANSIT, the State of New Jersey, the USDOT, the FTA and the Comptroller General of the United States and their duly authorized representatives also shall have the right to inspect all services

hereunder and specifically reserves the right to conduct on-site visits and perform financial audits and operational reviews. Any inspection, audit or review or lack thereof shall not relieve the Consultant of responsibility for satisfactory performance of the Scope of Services. Consultant shall maintain a true and correct set of Records for all financial and operational data in sufficient detail to permit reasonable verification or correction of charges and performance in accordance with this Agreement from the date of Advertisement of this RFP and for five (5) years after final payment under this Agreement has been made.

Any such audit shall be conducted at Consultant's principal place of business during Consultant's normal business hours and at NJ TRANSIT's expense, provided all costs incurred by NJ TRANSIT in conducting any such audit shall be reimbursed by Consultant in the event such audit reveals an aggregate discrepancy in any invoice or cumulative invoice not previously audited by NJ TRANSIT of more than two percent (2%) of the final total costs and fees for the period under audit as determined by NJ TRANSIT.

The Consultant further agrees to include in all its subcontracts hereunder a provision requiring the Subconsultant to keep all Contract records and that NJ TRANSIT, the State of New Jersey, the USDOT, the FTA and the Comptroller General of the United States or any of their duly authorized representatives, such as PMO, IOM, etc. shall, until the expiration of five (5) years after final payment under the subcontract, have access to and the right to examine pertinent books, documents, papers and records of such subcontract, involving transactions related to the Subconsultant. The term "Subconsultant" as used in this clause excludes (1) purchase orders not exceeding \$10,000 and (2) subcontracts or purchase orders for public utility services at rates established for uniform applicability to the general public.

Documents of every nature prepared pursuant to this Agreement shall be available to and become the property of NJ TRANSIT, and basic notes and other pertinent data shall be made available to NJ TRANSIT upon request without restriction as to their future use. Such documents shall be provided or made available within thirty (30) calendar days of NJ TRANSIT's request.

Pursuant to N.J.S.A. 52:15C-14(d), the Consultant shall maintain all documentation related to products, transactions or services under this contract for a period of five (5) years from the date of final payment. Such records shall be made available to the New Jersey Office of State Comptroller upon request.

Notwithstanding that NJ TRANSIT, as provided by this Agreement, is the owner of all documents, drawings, plans and specifications prepared by Consultant pursuant hereto, nothing in this Agreement shall be construed as limiting or depriving Consultant of its rights to use its basic know-how and skills to design or carry out other projects or work for itself or others, whether or not such other projects or work are similar to the services to be performed pursuant to this Agreement, nor shall NJ TRANSIT's ownership of documents include those documents comprising procedures and calculations proprietary to Consultant. Furthermore, Consultant may keep copies of all of such documents for its permanent files and records. Any reuse of Consultant prepared documents without the written verification or adaption by Consultant for the specific purpose intended will be at NJ TRANSIT's sole risk and without liability or legal exposure to Consultant or its consultants, if any.

The periods of access and examination described above, for Records which relate to: (1) appeals under Article 35, DISPUTES; (2) litigation or the settlement of claims arising out of the performance of this Agreement; or (3) costs and expenses of this Agreement as to which exception has been taken by NJ TRANSIT, State of New Jersey, the Office of State Comptroller, USDOT, FTA or any of their authorized representatives, shall continue until such appeals, litigation, claims, or exceptions have been disposed of.

14. SUSPENSION OF WORK: NJ TRANSIT may, for any reason, issue a stop order directing the Consultant to suspend work under the contract for a specific time. The Consultant shall be paid for goods ordered, goods delivered, or services requested and performed until the effective date of the stop order. The Consultant shall resume work upon the date specified in the stop order, or upon such other date as the Contracting Officer or his or her designee, may thereafter direct in writing. The period of suspension shall be deemed added to the Consultant's approved schedule of performance. The Contracting Officer or his or her designee shall make an equitable adjustment, if any is required, to the contract price. The Consultant shall provide whatever information that the Contracting Officer or his or her designee may require related to the equitable adjustment.

15. TERMINATION OF THE AGREEMENT FOR CONVENIENCE: NJ TRANSIT may terminate the Consultant's services in whole or in part for any reason at any time before completion. In that event, the Consultant will be given written notice by the Contracting Officer of such termination specifying the effective date thereof. Compensation will be paid to the Consultant pursuant to the terms of Article 2,

COMPENSATION for the work actually performed prior to such date. All documents begun or completed by the Consultant pursuant to this Agreement shall become the property of NJ TRANSIT. After receipt of such written notice, the Consultant shall not incur any new obligations without the prior written approval of the Contracting Officer and shall cancel as many outstanding obligations so related as possible. NJ TRANSIT will evaluate each obligation deemed non-cancellable by the Consultant in order to determine its eligibility for inclusion in compensable costs. No damages of any nature shall be claimed against NJ TRANSIT in the event it exercises this right of termination.

16. TERMINATION OF THE AGREEMENT FOR CAUSE: NJ TRANSIT may terminate this Agreement in whole or in part at any time if the Consultant has materially failed to comply with terms of the Agreement. In the event of such failure, NJ TRANSIT shall promptly give written notification to the Consultant of its intent to terminate and the reasons therefor. The Consultant shall have ten (10) calendar days, or such additional time as NJ TRANSIT may grant, after receipt of notice to cure its failure. If the failure is not cured to the satisfaction of NJ TRANSIT, NJ TRANSIT may terminate this Agreement (in whole or in part) effective immediately.

After receipt of notice of termination, the Consultant shall not incur any new obligations without the approval of NJ TRANSIT and shall cancel as many outstanding obligations as possible. NJ TRANSIT will evaluate each obligation deemed non-cancelable by the Consultant in order to determine its eligibility for inclusion in compensable costs. Compensation shall be made for Scope of Services identified in Exhibit A (Scope of Services) pursuant to the terms of this Agreement for work actually performed, completed and approved by NJ TRANSIT prior to the date of termination.

If this Agreement or any part thereof is terminated for cause, NJ TRANSIT may procure services similar to those so terminated. The Consultant shall be liable to NJ TRANSIT for any reasonable excess costs incurred for such similar services.

The Consultant shall not claim any damages of any nature against NJ TRANSIT in the event NJ TRANSIT exercises this right of termination. The rights and remedies available to NJ TRANSIT in this Article shall not be exclusive and are in addition to any other rights and remedies provided by law or under this Agreement.

If, after notice of termination of this Agreement under the provisions of this Article, it is determined for any reason that the Consultant was not in default under the provisions of this Article, or that the default was excusable under the provisions of this Article, the rights and obligations of the parties shall be the same as if the notice of termination had been issued pursuant to Article 15, TERMINATION FOR CONVENIENCE.

17. BUSINESS REGISTRATION NOTICE: In accordance with N.J.S.A. 52:32-44, all New Jersey and out of State business organizations must obtain a Business Registration Certificate (BRC) from the Department of the Treasury, Division of Revenue. It is requested that proof of valid business registration be submitted by a proposer with its proposal. Failure to submit such valid business registration with a proposal will not render the proposal materially non-responsive. If not submitted with the proposal, the Business Registration Certificate (BRC) must be submitted prior to award of an Agreement. The certificate must be valid at time of award. The Business Registration Certificate (BRC) form (Form NJ-REG) can be found online at <http://www.state.nj.us/treasury/revenue/gettingregistered.shtml>.

No contract with a Subconsultant shall be entered into by any Consultant unless the Subconsultant first provides proof of valid business registration. The Consultant shall maintain a list of the names of any Subconsultants and their current addresses, updated as necessary during the course of the contract performance and the Consultant shall submit the complete and accurate list to NJ TRANSIT before final payment is made for services rendered under the Agreement.

The Consultant and any Subconsultant performing services under the Agreement, and each of their affiliates, shall, during the term of the contract, collect and remit to the Director of the Division of Taxation in the Department of the Treasury the use tax due pursuant to the "Sales and Use Tax Act, P.L. 1966, c. 30 (N.J.S.A. 54:32B-1 et seq.) on all their sales of tangible personal property delivered into the State.

18. SOURCE DISCLOSURE:

A. Under N.J.S.A. 52:34-13.2, all contracts primarily for services awarded by NJ TRANSIT shall be performed within the United States, except when the Contracting Officer certifies in writing a finding that a required service cannot be provided by a Consultant or Subconsultant within the United States and the certification is approved by the Executive Director of NJ TRANSIT.

All Consultants seeking a contract primarily for services with NJ TRANSIT must disclose the location, by country, where services under the contract, including subcontracted services, will be performed.

If any of the services cannot be performed within the United States, the Consultant shall certify with specificity the reasons why the services cannot be so performed. NJ TRANSIT's Contracting Officer shall determine whether sufficient justification has been provided by the Consultant to form the basis of his certification that the services cannot be performed in the United States and whether to seek the approval of the Executive Director.

B. Breach of Contract for Shift of Services outside the United States

If, during the term of the Agreement, the Consultant or Subconsultant, who had on contract award certified that services would be performed in the United States, proceeds to shift the performance of the services outside the United States, the Consultant shall be deemed to be in breach of the Agreement, which shall be subject to termination for cause pursuant to Article 16, TERMINATION OF THE AGREEMENT FOR CAUSE, unless previously approved by NJ TRANSIT.

19. USE OF BRAND NAME PRODUCTS IN DESIGN: Consultants engaged to prepare specifications or to perform design work, or both, for NJ TRANSIT shall prepare such specifications to encourage full and open competition. A situation considered to be restrictive of competition involves specifying only a "brand name" product instead of allowing "an equal" product to be offered and listing the products' salient characteristics. Accordingly, Consultants engaged in preparing specifications or performing design work for NJ TRANSIT are required to include the salient characteristics of a product when it is identified by "brand name" and allow for an equivalent. Consultants may define salient characteristics by using language similar to the following:

- (a) 'Original Equipment Manufacturer (OEM) part #123 or approved equal that complies with the original equipment manufacturer's requirements or specifications and will not compromise any OEM warranties'; or
- (b) 'Original Equipment Manufacturer part #123 or approved equal that is appropriate for use with and fits properly in [describe the bus, engine, or other].

20. PATENT RIGHTS AND RIGHTS IN DATA:

A.) Rights in Data

1.) The term "subject data" as used herein means recorded information, whether or not copyrighted, that is delivered or specified to be delivered under this Agreement. The term includes graphic or pictorial delineations in media such as drawings or photographs; text in specifications or related

performance or design-type documents; machine forms such as punched cards; magnetic tape, or computer memory printouts; and information retained in computer memory. Examples include, but are not limited to, computer software, engineering drawings and associated lists, specifications, standards, process sheets, manuals, technical reports, catalog item identifications, and related information. The term does not include financial reports, cost analyses, and similar information incidental to contract administration.

2.) All "subject data" first produced in the performance of this Agreement shall be the sole property of NJ TRANSIT. The Consultant agrees not to assert any rights at common law or equity and not to establish any claim to statutory copyright in such data. Except for its own internal use, the Consultant shall not publish or reproduce such data in whole or in part, or in any manner or form, nor authorize others to do so, without the written consent of NJ TRANSIT until such time as NJ TRANSIT may have released such data to the public.

3.) The Consultant agrees to grant and does hereby grant to NJ TRANSIT and to its officers, agents, and employees acting within the scope of their official duties, a royalty-free, nonexclusive, and irrevocable license throughout the world:

a.) To publish, translate, reproduce, deliver, perform, use, and dispose of, in any manner, any and all data not first produced or composed in the performance of this Agreement, but which is incorporated in the work furnished under this Agreement; and

b.) To authorize others so to do.

4.) The Consultant shall indemnify and save and hold harmless NJ TRANSIT, its officers, agents, and employees acting within the scope of their official duties against any liability, including costs and expenses, resulting from any willful or intentional violation by the Consultant of proprietary rights, copyrights, or rights of privacy, arising out of the publication, translation, reproduction, delivery, performance, use, or disposition of any data furnished under this Agreement.

5.) Nothing contained in this Article shall imply a license to NJ TRANSIT under any patent or be construed as affecting the scope of any license or other right otherwise granted to NJ TRANSIT under any patent.

6.) Paragraphs 3 and 4, above, are not applicable to material furnished to the Consultant by NJ TRANSIT and incorporated in the work furnished under the Agreement; provided that such incorporated material is identified by the Consultant at the time of delivery of such work.

7.) In the event that the project, which is the subject of this Agreement, is not completed, for any reason whatsoever, all data generated under this Agreement shall become subject data as defined in this clause and shall be delivered as NJ TRANSIT may direct.

B.) Patent Rights

1.) If any invention, improvement, or discovery of the Consultant is conceived or first actually reduced to practice in the course of or under this Agreement, which invention, improvement or discovery may be patentable under the laws of the United States of America or any foreign country, the Consultant shall immediately notify NJ TRANSIT and provide a detailed report to FTA.

2.) The rights and responsibilities of NJ TRANSIT, the Consultant and the FTA with respect to such invention, improvement, or discovery will be determined in accordance with applicable Federal laws, regulations, policies and any waiver thereof.

21. PUBLICATION AND PUBLICITY: The Consultant, its Subconsultants, assignees, employees or agents shall not release or publish any information or material generated from this project to others outside of NJ TRANSIT without the express written permission of NJ TRANSIT except as specified in the Scope of Services.

22. EQUAL EMPLOYMENT OPPORTUNITY:

22.1 The Consultant hereby acknowledges that pursuant to N.J.A.C. 17:27-3.1, NJ TRANSIT cannot award a contract or pay money to any Consultant or Subconsultant which has not agreed and guaranteed to afford equal employment opportunity in performance of the contract in accordance with an affirmative action program and, except with respect to affectional or sexual orientation, approved under the terms established in N.J.A.C. 17:27.

MANDATORY EQUAL EMPLOYMENT OPPORTUNITY LANGUAGE FOR GOODS, GENERAL SERVICES, AND PROFESSIONAL SERVICES CONTRACTS (required by N.J.S.A. 10:5-31 et seq. and N.J.A.C. 17:27-1.1 et seq.) – EXHIBIT A (last revised 4/10)

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

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

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

The Consultant or Subconsultant will send to each labor union, with which it has a collective bargaining agreement, a notice, to be provided by the agency contracting officer, advising the labor union of the contractor's commitments under this chapter and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

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

The Consultant or Subconsultant agrees to make good faith efforts to meet targeted county employment goals established in accordance with N.J.A.C. 17:27-5.2. The Consultant or Subconsultant

agrees to inform in writing its appropriate recruitment agencies including, but not limited to, employment agencies, placement bureaus, colleges, universities, and labor unions, that it does not discriminate on the basis of age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex, and that it will discontinue the use of any recruitment agency which engages in direct or indirect discriminatory practices.

The Consultant or Subconsultant agrees to revise any of its testing procedures, if necessary, to assure that all personnel testing conforms with the principles of job related testing, as established by the statutes and court decisions of the State of New Jersey and as established by applicable Federal law and applicable Federal court decisions.

In conforming with the targeted employment goals, the Consultant or Subconsultant agrees to review all procedures relating to transfer, upgrading, downgrading and layoff to ensure that all such actions are taken without regard to age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex, consistent with the statutes and court decisions of the State of New Jersey, and applicable Federal law and applicable Federal court decisions.

The Consultant shall submit to the public agency, after notification of award but prior to execution of a goods and services contract, one of the following three (3) documents:

- Letter of Federal Affirmative Action Plan Approval;
- Certificate of Employee Information Report; or
- Employee Information Report Form AA-302 (electronically provided by the Division and distributed to the public agency through the Division's website at: http://www.state.nj.us/treasury/contract_compliance).

The Consultant and its Subconsultant shall furnish such reports or other documents to the Division of Purchase & Property, CCAU, EEO Monitoring Program as may be requested by the office from time to time in order to carry out the purposes of these regulations, and public agencies shall furnish such information as may be requested by the Division of Purchase & Property, CCAU, EEO Monitoring Program for conducting a compliance investigation pursuant to N.J.A.C. 17:27-1.1 et seq.

22.2 Non-Discrimination: In accordance with the provisions of N.J.S.A. 10:2-1 the

Consultant agrees that:

- a. In the hiring of persons for the performance of work under this Agreement or any subcontract hereunder, or for the procurement, manufacture, assembling or furnishing of any such materials, equipment, supplies or services to be acquired under this Agreement, no Consultant, nor any person acting on behalf of such Consultant or Subconsultant, shall, by reason of race, creed, color, national origin, ancestry, marital status, gender identity or expression, affectional or sexual orientation, or sex, discriminate against any person who is qualified and available to perform the work to which the employment relates;
- b. No Consultant, Subconsultant, nor any person on his behalf shall, in any manner, discriminate against or intimidate any employee engaged in the performance of work under this Agreement or any subcontract hereunder, or engaged in the procurement, manufacture, assembling or furnishing of any such materials, equipment, supplies or services to be acquired under such Agreement, on account of age, race, creed, color, national origin, ancestry, marital status, gender identity or expression, affectional or sexual orientation, disability, nationality, or sex;
- c. There may be deducted from the amount payable to the Consultant by the contracting public agency, under this Agreement, a penalty of \$50.00 for each person for each calendar day during which such person is discriminated against or intimidated in violation of the provisions of the Agreement; and
- d. This Agreement may be canceled or terminated by the contracting public agency and all money due or to become due hereunder may be forfeited, for any violation of this Article of the Agreement occurring after notice to the Consultant from the contracting public agency of any prior violation of this Article of the Consultant.

23. EQUAL OPPORTUNITY FOR INDIVIDUALS WITH DISABILITIES: The Consultant and NJ TRANSIT agree that the provisions of Title II of the Americans With Disabilities Act of 1990 (the "Act") (42 U.S.C. 12101 et seq.), which prohibit discrimination on the basis of disability by public entities in all services, programs, and activities provided or made available by public entities, and the rules and regulations promulgated thereto, are made a part of this Agreement. In providing any aid, benefit, or service on behalf of NJ TRANSIT pursuant to this Agreement, the Consultant agrees that the performance

shall be in strict compliance with the Act. In the event that the Consultant, its agents, servants, employees, or Subconsultants violate or are alleged to have violated the Act during the performance of this Agreement, the Consultant shall defend NJ TRANSIT and the State of New Jersey in any action or administrative proceeding commenced pursuant to this Act. The Consultant shall indemnify, protect, and save harmless NJ TRANSIT and the State, their agents, servants, and employees from and against any and all suits, claims, losses, demands, or damages of whatever kind or nature arising out of or claimed to arise out of the alleged violation. The Consultant shall, at its own expense, appear, defend, and pay any and all charges for legal services and any and all costs and other expenses arising from such action or administrative proceeding or incurred in connection therewith. In any and all complaints brought pursuant to the owner's grievance procedure, the Consultant agrees to abide by any decision of the owner which is rendered pursuant to such said grievance procedure. If any action or administrative proceeding results in an award of damages against NJ TRANSIT or the State or if NJ TRANSIT or the State incur any expense to cure a violation of the Act which has been brought pursuant to its grievance procedure, the Consultant shall satisfy and discharge the same at its own expense.

NJ TRANSIT shall, as soon as practicable after a claim has been made against it, give written notice thereof to the Consultant along with full and complete particulars of the claim. If any action or administrative proceeding is brought against NJ TRANSIT or any of its agents, servants, and employees, NJ TRANSIT will forward or have forwarded to the Consultant every demand, complaint, notice, summons, pleading, or other process received by it or its representatives.

It is expressly agreed and understood that any approval by NJ TRANSIT of the services provided by the Consultant pursuant to this Agreement will not relieve the Consultant of the obligation to comply with the Act and to defend, indemnify, protect, and save harmless NJ TRANSIT pursuant to this paragraph.

The Consultant expressly understands and agrees that the provisions of this indemnification clause shall in no way limit the Contractor's obligations assumed in this Agreement, nor shall they be construed to relieve the Consultant from any liability, nor preclude NJ TRANSIT from taking any other actions available to it under any other provisions of this Agreement or otherwise at law.

24. DISADVANTAGED BUSINESS ENTERPRISES: Disadvantaged Business Enterprises (DBE), as defined in 49 C.F.R. Part 26, shall have the maximum opportunity to participate in the performance of this Agreement and any subcontract under it. NJ TRANSIT and the Consultant shall take all necessary and reasonable steps, in accordance with 49 C.F.R. Part 26 and the provisions set forth in Exhibit E, annexed hereto, to ensure that Disadvantaged Businesses have equal opportunity to participate.

The term "disadvantaged business enterprise" means a for-profit small business concern that is owned and controlled by one or more socially and economically disadvantaged persons, as defined by 49 C.F.R., Part 26. Such disadvantage may arise from cultural, racial, chronic economic circumstances or background or other similar cause. Such persons would include, but not be limited to, Black Americans (not of Hispanic origin); Hispanic Americans; Native Americans; Asian-Pacific Americans; Subcontinent Asian Americans; and Women, regardless of race or ethnicity.

NJ TRANSIT's DBE Program is accorded the same priority as compliance with all other legal obligations required by the USDOT. Consultants shall comply with the DBE Program requirements in the award and administration of NJ TRANSIT contracts. Failure by the Consultant to carry out these requirements shall constitute a breach of the contract, which may result in the termination of the contract or other such remedy, as NJ TRANSIT deems appropriate.

Should the actual contract amount increase or decrease, through approved change order(s), the Office of Business Development (OBD) must be informed. OBD will determine if this will result in an adjustment to DBE participation to reflect the assigned DBE goal.

The Consultant shall fully comply with the requirements and provisions set forth in the New Jersey Transit Corporation DBE Requirements for Federal Procurement Activities set forth in Exhibit E, annexed hereto.

25. COMPLIANCE WITH FEDERAL, STATE AND LOCAL LAW:

(a) The Consultant shall comply with applicable laws, ordinances, and codes of the United States, the State of New Jersey and local governments within the State. If NJ TRANSIT determines that the Consultant has violated or failed to comply with applicable federal, state or local laws with respect to its performance under this Agreement, NJ TRANSIT may withhold payments for such performance and take

such other action that it deems appropriate under the circumstances until compliance or remedial action has been accomplished by the Consultant to the satisfaction of NJ TRANSIT.

(b) Incorporation of FTA Terms

This Professional Service Agreement includes, in part, certain standard terms and conditions required by USDOT, whether or not expressly set forth in this Agreement. All contractual provisions required by USDOT, as set forth in FTA Circular 4220.1F, are hereby incorporated by reference. Anything to the contrary herein notwithstanding, all FTA mandated terms shall be deemed to control in the event of a conflict with other provisions contained in this Agreement. The Consultant shall not perform any act, fail to perform any act, or refuse to comply with any NJ TRANSIT requests which would cause NJ TRANSIT to be in violation of the FTA Master Agreement between NJ TRANSIT and the FTA.

(c) Changes to Federal Requirements

The Consultant shall at all times comply with all applicable FTA regulations, policies, procedures and directives, including without limitation those listed directly or by reference in the Master Agreement between NJ TRANSIT and the FTA, as they may be amended or promulgated from time to time during the term of this Agreement. Consultant's failure to so comply shall constitute a material breach of this Agreement unless the FTA determines otherwise.

26. CONFLICT OF INTEREST: In the event that the Consultant deems that any work currently being performed by it on other projects or any work to be performed on future projects is in conflict directly or indirectly with this Agreement, the Consultant shall immediately so notify NJ TRANSIT. NJ TRANSIT, in its sole discretion, shall have the right to terminate this Agreement in accordance with Article 15, TERMINATION OF THE AGREEMENT FOR CONVENIENCE hereof.

27. CONSULTANT'S EMPLOYEES: All personnel employed on this project and their daily rates shall be approved in writing by NJ TRANSIT prior to assignment to this project and, in addition, any employee of the Consultant or its Subconsultants declared undesirable by NJ TRANSIT shall be relieved of any work under this Agreement.

The Consultant must receive NJ TRANSIT's prior written approval of any change in the project organization/manpower and Subconsultant project team approved for this project.

28. PROHIBITED INTEREST: No member, officer, or employee of NJ TRANSIT or its subsidiaries shall have any interest, direct or indirect, in this Agreement or the proceeds thereof. No former member, officer or employee of NJ TRANSIT or its subsidiaries who, during his tenure, had a direct, substantial involvement with matters that are closely related to this Agreement, shall have any interest, direct or indirect, in this Agreement or the proceeds thereof.

29. INTERESTS OF MEMBERS OF OR DELEGATES TO CONGRESS: No member of or delegate to the Congress of the United States shall be admitted to any share or part of this Agreement or to any benefit arising therefrom.

30. NJ TRANSIT CODE OF ETHICS FOR CONSULTANTS:

It is NJ TRANSIT policy that Consultants must avoid all situations where proprietary or financial interest, or the opportunity for financial gain, could lead an officer or employee of NJ TRANSIT to secure favored treatment for any organization or individual. Consultants must also avoid circumstances and conduct which may not constitute actual wrongdoing, or conflict of interest, but might nevertheless appear questionable to the general public, thus compromising the integrity of NJ TRANSIT. For the purposes of this Article only, NJ TRANSIT shall be deemed to include any person contracting with NJ TRANSIT to perform services on the Project. All Consultants must comply with NJ TRANSIT's Code of Ethics contained in this Article.

A.) The Consultant shall not employ any NJ TRANSIT officer or employee in the business of the Consultant or in professional activity in which the Consultant is involved with the NJ TRANSIT officer or employee.

The Consultant shall not offer or provide any interest, financial or otherwise, direct or indirect, to any NJ TRANSIT officer or employee, in the business of the Consultant or professional activity in which the Consultant is involved with the NJ TRANSIT officer or employee.

The Consultant shall not cause or influence, or attempt to cause or influence, any NJ TRANSIT officer or employee to act in his or her official capacity in any manner which might tend to impair the objectivity or independence of judgment of that NJ TRANSIT officer or employee.

The Consultant shall not cause or influence, or attempt to cause or influence, any NJ TRANSIT officer or employee to use or attempt to use his or her official position to secure any unwarranted privileges or advantages for that Consultant or any other person.

The Consultant shall not offer any NJ TRANSIT officer or employee any gift, favor, service or other thing of value under circumstances from which it might be reasonably inferred that such gift, service or other thing of value was given or offered for the purpose of influencing the recipient in the discharge of his or her official duties. In addition, employees or officers of NJ TRANSIT will not be permitted to accept breakfasts, lunches, dinners, alcoholic beverages, tickets to entertainment and/or sporting events, or any other item which could be construed as having more than nominal value.

B.) In accordance with N.J.A.C. 16:72-4.1, the Consultant may be suspended and/or debarred if the Consultant:

1.) Makes any offer or agreement to pay or to make payment of, either directly or indirectly, any fee, commission, compensation, gift, gratuity, or other thing of value of any kind to any NJ TRANSIT Board member, officer, or employee or to any member of the immediate family of such Board member, officer, or employee, or any partnership, firm, or corporation with which they are employed or associated, or in which such Board member, officer, or employee has an interest within the meaning of N.J.S.A. 52:13D-13g;

2.) Fails to report to the Attorney General and to the Executive Commission on Ethical Standards in writing forthwith the solicitation of any fee, commission, compensation, gift, gratuity or other thing of value by any NJ TRANSIT Board member, officer, or employee;

3.) Undertakes, directly or indirectly, any private business, commercial, or entrepreneurial relationship with, whether or not pursuant to employment, contract or other agreement, express or implied, or sale, directly or indirectly of any interest in such Consultant to, any NJ TRANSIT Board member, officer, or employee having any duties or responsibilities in connection with the purchase, acquisition, or sale of any property or services by or to NJ TRANSIT, or with any person, firm, or entity with which he is employed or associated or in which he has an interest within the meaning of N.J.S.A. 52:13D-13g. Any relationship subject to this provision shall be reported in writing forthwith to the Executive Commission on Ethical Standards, which may grant a waiver of this restriction upon application of the

NJ TRANSIT Board member, officer, or employee upon a finding that the present or proposed relationship does not present the potential, actuality, or appearance of a conflict of interest;

4.) Influences or attempts to influence or causes to be influenced, any NJ TRANSIT Board member, officer, or employee in his official capacity in any manner which might tend to impair the objectivity or independence of judgment of such Board member, officer, or employee; or

5.) Causes or influences or attempts to cause or influence, any NJ TRANSIT Board member, officer, or employee to use, or attempt to use, his official position to secure unwarranted privileges or advantages for the Consultant or any other person.

31. POLITICAL ACTIVITY PROHIBITED: None of the funds or services contributed by NJ TRANSIT or the Consultant under this Agreement shall be used for any partisan political activity, or to further the election or defeat of any candidate for public office.

32. NONSOLICITATION: The Consultant warrants that it has not retained any party other than a bona fide employee working for the Consultant to solicit this Agreement, and that it has not paid or agreed to pay any outside party consideration in any form contingent upon securing this Agreement. For breach of this warranty, NJ TRANSIT shall have the right to terminate this Agreement for cause.

33. MERGER AND SEVERABILITY: This Agreement embodies the entire agreement between the parties. If any provision herein is held invalid, it shall be considered deleted herefrom and shall not invalidate the remaining provisions hereof.

34. NOTIFICATION: Any request, demand, authorization, direction, notice, consent, waiver or other document provided or permitted by this Agreement to be made upon, given or furnished to, or filed with one party by another party shall be in writing and shall be delivered by hand or by deposit in the mails of the United States, postage paid, in an envelope addressed as follows:

If to NJ TRANSIT:

Jignasa Desai-McCleary
Chief of Procurement & Support Services
NJ TRANSIT
One Penn Plaza East
Newark, New Jersey 07105-2246
Attn: Taishida S. Chapman - Principal Contract Specialist

With a copy to:

NJ TRANSIT
One Penn Plaza East
Newark, New Jersey 07105-2246
Attn: Robert Nott - Project Manager

If to the Consultant:

AECOM Technical Services, Inc.
One Penn Plaza
New York, New York 10119
Attn: Julie D'Orazio – Senior Vice President

Either party to the Agreement may redesignate the recipient or change the address of the recipient of notifications hereunder by notifying the other party to this Agreement, in writing, of such change.

35. DISPUTES: Disputes regarding whether a party has failed to make payments may be submitted to a process of alternative dispute resolution. Disputes arising in the performance of this Agreement which are not resolved by agreement of the parties will be decided in writing by the authorized representative of the Contracting Officer. This decision shall be final and conclusive unless within ten (10) calendar days from the date of receipt of its copy, the Consultant mails or otherwise furnishes a written appeal to the Contracting Officer. In connection with any such appeal, the Consultant shall be afforded an opportunity to be heard and to offer evidence in support of its position. Pending final decision of a dispute hereunder, the Consultant shall proceed diligently with performance of the Contract in accordance with the decision of the authorized representative of the Contracting Officer.

36. OUT OF STATE CORPORATIONS: If the Consultant is a corporation organized under laws of a state other than New Jersey, the Consultant shall have a certificate of authority to do business in New Jersey in accordance with N.J.S.A. 14A:13-3. In addition, pursuant to N.J.S.A. 14A:4-1 et seq., the Consultant shall maintain a registered office in New Jersey, have a registered agent with a business office in New Jersey and shall file with the Secretary of State the name of said agent and address of said office and provide a copy thereof to NJ TRANSIT.

Inquiries should be directed to:

State of New Jersey
Department of State
Division of Commercial Recording
CN-308
Trenton, New Jersey 08625
www.state.nj.us/njbgs

37. SUCCESSORS: This Agreement shall bind the heirs, representatives, successors, and assignees of the Consultant.

38. GOVERNING LAW: The Agreement shall be governed by and interpreted pursuant to the laws of the State of New Jersey.

39. QUALITY ASSURANCE PLAN: The Consultant shall perform all work according to the generally accepted standards of professional care. The Consultant shall establish and maintain a Quality Assurance Plan, subject to NJ TRANSIT's approval, setting forth the Consultant's policy for quality assurance and procedures for implementing that policy. Such plan must apply to all persons engaged in work under this Agreement, include regular and written procedures for performance of all Project activities, and provide sufficient information to senior managers to enable effective supervision of the Project. The procedures shall provide for sufficient documentation to allow review and audit by NJ TRANSIT, and NJ TRANSIT may, in its discretion, review the Consultant's implementation of the procedures.

40. PROJECT SUPERVISION: If engineering, design, architectural or surveying services are provided under this Agreement, the Consultant shall assign an engineer or architect authorized to practice in the State of New Jersey to supervise the Scope of Services. The design and engineering services for this project shall be performed and/or approved by a Professional Engineer or Registered Architect licensed to practice in the State of New Jersey.

The Consultant shall exercise all due care in its preparation of documents for construction to ensure that they conform to all applicable legal and other requirements in effect at the time of issuance of the contract documents. The approval of plans and specifications which have been submitted to NJ TRANSIT by the Consultant is not to be construed as authority to violate, cancel or set aside any provisions of such requirements or this Agreement. Nothing contained in this Agreement is intended to relieve the Consultant of responsibility for maintaining adequate supervision over the design in order to guard against deficiencies in the design work.

The Consultant shall be liable to NJ TRANSIT for any reasonable costs incurred by NJ TRANSIT to correct, modify or redesign any drawings submitted by the Consultant that are found to be defective or not in accordance with the provisions of this Agreement as a result of any act, error or omission

on the part of the Consultant, or its agents, servants or employees. The Consultant shall be given reasonable opportunity to correct any deficiencies at no additional cost to NJ TRANSIT.

The Consultant shall also be liable to NJ TRANSIT for any reasonable costs incurred to correct, modify or reconstruct contractor work which was done based on any drawings submitted by the Consultant that are found to be defective or not in accordance with the provisions of this Agreement as a result of any act, error or omission on the part of the Consultant, or its agents, servants or employees. The Consultant shall be given reasonable opportunity to correct any deficiencies at no additional cost to NJ TRANSIT.

41. HISTORIC PRESERVATION: The Consultant shall submit to NJ TRANSIT, pursuant to this Agreement, a final design which meets the "Standards for Rehabilitation" established and published by the United States Department of the Interior at 36 C.F.R. Part 67, which standards are applied by the Commissioner of Environmental Protection in the statutory review, required by N.J.S.A. 13:1B-15.131, of projects which will encroach upon a site included in the New Jersey Register of Historic Places. In the event that the final design for the Project is submitted for review pursuant to N.J.S.A. 13:1B-15.131 and is not approved or is approved with conditions by the Commissioner of Environmental Protection, for reasons that the final design does not meet said standards, the Consultant shall correct or modify said design immediately upon notification of non-approval, or shall reimburse NJ TRANSIT for any reasonable costs incurred by NJ TRANSIT to correct or modify the design, so that it may be approved by the Commissioner of Environmental Protection.

42. FALSE OR FRAUDULENT STATEMENTS AND CLAIMS:

A.) The Consultant recognizes that the requirements of the Program Fraud Civil Remedies Act of 1986, as amended, 31 U.S.C. § 3801 et seq. and USDOT regulations, "Program Fraud Civil Remedies," 49 C.F.R. Part 31, apply to its actions pertaining to the project. Accordingly, by signing the Agreement, the Consultant certifies or affirms the truthfulness and accuracy of any statement it has made, it makes, or it may make pertaining to the Agreement. In addition to other penalties that may be applicable, the Consultant also acknowledges that if it makes a false, fictitious, or fraudulent claim, statement, submission, or certification, the Federal Government reserves the right to impose the penalties

of the Program Fraud Civil Remedies Act of 1986, as amended, on the Consultant to the extent the Federal Government deems appropriate.

B.) The Consultant also acknowledges that if it makes a false, fictitious, or fraudulent claim, statement, submission, or certification to the Federal Government in connection with an urbanized area formula project financed with Federal Assistance authorized by 49 U.S.C. § 5307, the Government reserves the right to impose on the Consultant the penalties of 18 U.S.C. § 1001 and 49 U.S.C. § 5307(n) (1), to the extent the Federal Government deems appropriate.

43. NO FEDERAL GOVERNMENT OBLIGATIONS TO THIRD PARTIES: The Consultant agrees that, absent the Federal Government's express written consent, the Federal Government shall not be subject to any obligations or liabilities to any subrecipient, any third party contractor, or any other person not a party to the contract in connection with the performance of the project. Notwithstanding any concurrence provided by the Federal Government in the approval of any solicitation, subagreement, or third party contract, the Federal Government continues to have no obligations or liabilities to any party, including the subrecipient and third party contractor.

44. EXCLUSIONARY OR DISCRIMINATORY SPECIFICATIONS: Apart from inconsistent requirements imposed by Federal statute or regulations, the Consultant agrees that it will comply with the requirements of 49 U.S.C. § 5323(h) (3) by refraining from using any Federal Assistance awarded by FTA to support procurements using exclusionary or discriminatory specifications.

45. CLEAN WATER AND CLEAN AIR ACTS:

45.1 The Contractor agrees to comply with all applicable standards, orders, or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. § 1251 et seq.:

(a) With the notification of violating facilities provisions of Executive Order No. 11738; "Administration of the Clean Air Act and the Federal Water Pollution Control Act with Respect to Federal Contracts, Grants, or Loans", 42 U.S.C. S 7606. The Contractor agrees to report each violation to NJ TRANSIT and understands and agrees that NJ TRANSIT will, in turn, report each violation as required to assure notification to FTA and the appropriate EPA Regional Office.

(b) With the provisions of the Safe Drinking Water Act of 1974, as amended, 42 U.S.C. § 300h et seq.

45.2 The Contractor agrees to comply with all applicable, standards, orders or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. § 7401 et seq. The Contractor agrees to report each violation to NJ TRANSIT and understands and agrees that NJ TRANSIT will, in turn, report each violation as required to assure notification to FTA and the appropriate EPA Regional Office.

45.3 The Contractor agrees to include both the Clean Water and Clean Air requirements in each subcontract exceeding \$100,000. The \$100,000 limit includes indefinite quantities where the amount is expected to exceed \$100,000 in any year.

46. ENERGY CONSERVATION: The Consultant shall comply with mandatory standards and policies relating to energy efficiency contained in applicable State of New Jersey Energy Conservation Plans issued in compliance with the Energy Policy and Conservation Act (42 U.S.C. 6321 et seq.).

47. CIVIL RIGHTS: During the performance of this Contract, the Consultant, for itself, its assignees and successors in interest and its Subconsultant at every tier (hereinafter referred to as the "Consultant") agrees as follows:

(a) Compliance with Regulations

The Consultant shall comply with the Regulations relative to nondiscrimination in federally-assisted programs of the United States Department of Transportation, Title 49, Code of Federal Regulations, Part 21, as they may be amended from time to time (hereinafter referred to as the Regulations), which are herein incorporated by reference and made a part of this Contract.

(b) Nondiscrimination

In accordance with Title VI of the Civil Rights Act, as amended, 42 U.S.C. § 2000d, section 303 of the Age Discrimination Act of 1975, as amended, 42 U.S.C. § 6102, section 202 of the Americans with Disabilities Act of 1990, 42 U.S.C. § 12132, and Federal transit law at 49 U.S.C. § 5332, and N.J.S.A. 10:3-1, the Consultant agrees that it will not discriminate against any employee or applicant for employment because of race, color, religion, national origin, sex, age, or disability. In addition, the Consultant agrees to

comply with applicable Federal implementing regulations and other implementing requirements FTA may issue.

(c) Equal Employment Opportunity

The following equal employment opportunity requirements apply to the underlying contract:

(1) Race, Color, Religion, National Origin, Sex

In accordance with Title VII of the Civil Rights Act, as amended, 42 U.S.C. § 2000e, and Federal transit laws at 49 U.S.C. § 5332, the Consultant agrees to comply with all applicable equal employment opportunity requirements of U.S. Department of Labor (U.S. DOL) regulations, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor," 41 C.F.R. Parts 60 et seq., (which implement Executive Order No. 11246, "Equal Employment Opportunity," as amended by Executive Order No. 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," 42 U.S.C. § 2000e note), and with any applicable Federal statutes, executive orders, regulations, and Federal policies that may in the future affect activities undertaken in the course of the Project. The Consultant agrees to take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, national origin, sex, sexual orientation, gender identity, or age. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. In addition, the Consultant agrees to comply with any implementing requirements FTA may issue.

(2) Age

In accordance with section 4 of the Age Discrimination in Employment Act of 1967, as amended, 29 U.S.C. § § 623 and Federal transit law at 49 U.S.C. § 5332 and N.J.S.A. 10:3-1, the Consultant agrees to refrain from discrimination against present and prospective employees for reason of age. In addition, the Consultant agrees to comply with any implementing requirements FTA may issue.

(3) Disabilities

In accordance with section 102 of the Americans with Disabilities Act, as amended, 42 U.S.C. § 12112, the Consultant agrees that it will comply with the requirements of U.S. Equal Employment

Opportunity Commission, "Regulations to Implement the Equal Employment Provisions of the Americans with Disabilities Act," 29 C.F.R. Part 1630, pertaining to employment of persons with disabilities. In addition, the Consultant agrees to comply with N.J.S.A. 10:5-29.1 and any implementing requirements FTA may issue.

(d) The Consultant also agrees to include these requirements in each subcontract financed in whole or in part with Federal assistance provided by FTA, modified only if necessary to identify the affected parties.

(e) Information and Reports

The Consultant shall provide all information and reports required by the Regulations or directives issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the Recipient or NJ TRANSIT or the FTA to be pertinent to ascertain compliance with such Regulations, orders and instruction. Where any information is required or a Consultant is in the exclusive possession of another who fails or refuses to furnish this information, the Consultant shall so certify to NJ TRANSIT, or the FTA, as appropriate, and shall set forth what efforts it has made to obtain the information.

(f) Sanctions for Noncompliance

In the event of the Consultant's noncompliance with the nondiscrimination provisions of this Contract, NJ TRANSIT shall impose such contract sanctions as it or the FTA may determine to be appropriate, including but not limited to:

- (1) Withholding of payments to the Consultant under the Contract until the Consultant complies; and/or
- (2) Cancellation, termination or suspension of the Contract, in whole or in part.

48. CONTRACT WORK HOURS AND SAFETY STANDARDS: During the performance of this Agreement, the Consultant, for itself, its assignees and successors in interest (hereinafter referred to as the "Consultant") agrees as follows:

A.) Overtime Requirements: No Consultant or Subconsultant contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any work week in which he or she is employed on such work to

work in excess of forty (40) hours in such work week unless such laborer or mechanic receives compensation at rate not less than one and one-half (1 ½) times the basic rate of pay for all hours worked in excess of forty (40) hours in such work week, whichever is greater.

B.) Violation; Liability for Unpaid Wages; Liquidated Damages: In the event of any violation of the clause set forth in subparagraph (b)(1) of 29 C.F.R. Section 5.5, the Consultant and any Subconsultant responsible therefore shall be liable for the unpaid wages. In addition, such Consultant and Subconsultant shall be liable to the United States (in case the work done under contract for the District of Columbia or a territory, to such district or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in subparagraph (b)(1) of 29 C.F.R. Section 5.5 in the sum of \$25 for each calendar day on which such individual was required or permitted to work in excess of eight (8) hours or in excess of the standard work week of forty (40) hours without payment of the overtime wages required by the clause set forth in subparagraph (b)(1) of 29 C.F.R. Section 5.5.

C.) Withholding for Unpaid Wages and Liquidated Damages: NJ TRANSIT shall upon its own action or upon written request of an authorized representative of the U.S. Department of Labor withhold or cause to be withheld, from any monies payable on account of work performed by the Consultant or Subconsultant under any such contract or any other Federal contract with the same prime Consultant, or any other Federally-assigned contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime Consultant, such sums as may be determined to be necessary to satisfy any liabilities of such Consultant or Subconsultant for unpaid wages and liquidated damages as provided in the clause set forth in subparagraph (B)(2) of 29 C.F.R. Section 5.5.

D.) Nonconstruction Grants: The Consultant or Subconsultant shall maintain payrolls and basic payroll records during the course of the work and shall preserve them for a period of three (3) years from the completion of the Agreement for all laborers and mechanics, including guards and watchmen, working on the Agreement. Such records shall contain the name and address of each such employee, social security number, correct classifications, hourly rates of wages paid, daily and weekly number of hours worked, deductions made, and actual wages paid. These records shall be made available by the Consultant or Subconsultant for inspection, copying, or transcription by authorized representatives

of NJ TRANSIT, the FTA and the Department of Labor, and the Consultant or Subconsultant will permit such representatives to interview employees during working hours on the job.

E.) Subcontracts: The Consultant or Subconsultant shall insert in any subcontracts the clauses set forth in Paragraphs A through E of this Section and also a clause requiring the Subconsultants to include these clauses in any lower tier subcontracts. The prime Consultant shall be responsible for compliance by any Subconsultant or lower tier Subconsultant with the clauses set forth in Paragraphs A through E of this Section.

49. CERTIFICATIONS REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION – LOWER TIER COVERED TRANSACTION

By signing this agreement, the lower tier participant, defined as the Consultant and its Subconsultants, is providing the certification set out below.

The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, NJ TRANSIT may pursue available remedies, including suspension and/or debarment.

The lower tier participant shall provide immediate written notice to NJ TRANSIT if at any time the lower tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

Certain terms used in this clause have the meanings set out in 2 C.F.R. Part 1200 and 2 C.F.R. Part 180.

The lower tier participant agrees by signing this agreement that it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized in writing by NJ TRANSIT.

The lower tier participant further agrees by signing this agreement that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – Lower Tier Covered Transaction", without modification, in all lower tier covered transactions (valued at \$25,000 or more) and in all solicitations for lower tier covered transactions.

A participant in a covered transaction may rely upon a certification of a participant in a lower tier covered transaction that it is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. Each participant shall check the U.S. Government System for Award Management (SAM) database.

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

Except for transactions authorized under the fifth paragraph above, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to all remedies available to the Federal Government, NJ TRANSIT may pursue available remedies including suspension and/or debarment.

The lower tier participant certifies by signing this agreement that neither it nor its "principals" (as defined 2 C.F.R. 180.995) is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency. A participant may decide the method and frequency by which it determines the eligibility of its principals.

When the lower tier participant is unable to certify to the statements in this certification, such participant shall submit a written explanation.

The lower tier participant shall also be currently registered and active with no exclusion on the U.S. Government System for Award Management (SAM) database.

50. LIMITATIONS ON LOBBYING: The Consultant and its Subconsultants shall comply with 31 U.S.C. 1352, entitled "Limitation on use of appropriated funds to influence certain Federal contracting and financial transactions".

A.) No appropriated funds may be expended by the recipient of a Federal contract, grant, loan or cooperative agreement to pay any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress or an employee of

a Member of Congress in connection with any of the following covered Federal actions: the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment or modification of any Federal contract, grant, loan or cooperative agreement.

B.) Any Consultant and any Subconsultant at any tier who requests or receives a Federally-assisted contract or subcontract in excess of \$100,000 from NJ TRANSIT shall file with NJ TRANSIT the certification attached to this Agreement and entitled "Certification for Contracts, Grants, Loans and Cooperative Agreements" which certifies that the Consultant or Subconsultant, as applicable, has not made, and will not make, any payment prohibited by paragraph A.) of this Section.

C.) Any Consultant and any Subconsultant who has made or has agreed to make any payment using nonappropriated funds (to include profits from any covered Federal action) which would be prohibited under paragraph A.) of this Section if paid for with appropriated funds, shall file with NJ TRANSIT a disclosure form entitled "Disclosure of Lobbying Activities", which is available from NJ TRANSIT.

D.) Any certification or disclosure form filed under paragraphs B.) and C.) of this Section shall be forwarded from tier to tier until received by NJ TRANSIT. Any certification or disclosure form shall be treated as a material representation of fact upon which all receiving tiers shall rely. All liability arising from an erroneous representation shall be borne solely by the tier filing that representation and shall not be shared by any tier to which the erroneous representation is forwarded.

E.) The prohibition on the use of appropriated funds does not apply in the case of a payment of reasonable compensation to an officer or employee of the Consultant or Subconsultant if the payment is for agency and legislative liaison activities not directly related to a covered Federal action.

F.) The prohibition on the use of appropriated funds does not apply in the case of any reasonable payment to an officer or employee of a Consultant or Subconsultant or to a person, other than an officer or employee of a Consultant or Subconsultant, if the payment is for professional or technical services rendered directly in the preparation, submission or negotiation of any bid, proposal or application for a Federal contract, grant, loan or cooperative agreement.

51. **BUY AMERICA DESIGN REQUIREMENTS:** The Consultant shall design the project to ensure that the plans and specifications produced by the Consultant under this Agreement permit

compliance with Section 165 of the Surface Transportation Assistance Act of 1982 (P.L. 97-424). All iron, steel and manufactured products specified by the Consultant shall be of domestic manufacture or origin, except as otherwise approved by NJ TRANSIT. Whenever the Consultant lists a product by make, manufacturer or model number in the specifications, the Consultant shall first ensure that the product is of domestic manufacture or origin. Should the Consultant find it necessary to specify iron, steel, or manufactured products which are not produced in the United States in sufficient and reasonably available quantities, then the Consultant shall submit a written justification to the Contracting Officer describing in detail the product, its estimated cost, the rationale for its use in the project and the basis for the Consultant's belief that the product is of limited domestic availability. NJ TRANSIT, in its sole discretion, will determine whether to seek a waiver of the Buy America requirements from the U.S. Secretary of Transportation. Should NJ TRANSIT determine that there is insufficient basis for seeking a waiver or if a waiver request is denied by USDOT, the Consultant shall redesign the project to conform with Buy America requirements at no additional cost to NJ TRANSIT.

52. FLY AMERICA REQUIREMENTS: The Consultant agrees to comply with 49 U.S.C. 40118 (the "Fly America" Act) in accordance with the General Services Administration's regulations at 41 C.F.R. Part 301-10, which provide that recipients and subrecipients of Federal funds and their Consultant s are required to use U.S. Flag air carriers for U.S. Government-financed international air travel and transportation of their personal effects or property, to the extent such service is available, unless travel by foreign air carrier is a matter of necessity, as defined by the Fly America Act. The Consultant shall submit, if a foreign air carrier was used, an appropriate certification or memorandum adequately explaining why service by a U.S. flag air carrier was not available or why it was necessary to use a foreign air carrier and shall, in any event, provide a certificate of compliance with the Fly America requirements. The Consultant agrees to include the requirements of this section in all subcontracts that may involve international air transportation.

53. SEISMIC SAFETY: The Consultant agrees that any new building or addition to an existing building will be designed and constructed in accordance with the standards for Seismic Safety required in Department of Transportation Seismic Safety Regulations 49 C.F.R. Part 41 and will certify to compliance to the extent required by the regulation. The Consultant also agrees to ensure that all work

performed under this contract including work performed by a Subconsultant is in compliance with the standards required by the Seismic Safety Regulations and the certification of compliance issued on the project.

54. SETTING OFF TAX ARREARS AGAINST SUMS OWED: Whenever a taxpayer under contract with the State of New Jersey is indebted for any State Tax in accordance with N.J.S.A. 54:49-19, the State of New Jersey shall seek to set off the indebtedness as follows:

Whenever any taxpayer under contract to provide goods or services to the State of New Jersey or its agencies or instrumentalities, and including the legislative and judicial branches of State government, is entitled to payment for the goods or services or on that construction project and at the same time the taxpayer is indebted for any State tax, the Director of the Division of Taxation shall seek to set off so much of that payment as may be necessary to satisfy the indebtedness. The Director, in consultation with the Director of the Division of Budget and Accounting in the Department of the Treasury, shall establish procedures and methods to effect a set-off. The Director shall give notice of the set-off to the taxpayer, the provider of goods or services or the Contractor or Subcontractor of construction projects and provide an opportunity for a hearing within thirty (30) calendar days of such notice under the procedures for protests established under N.J.S.A. 54:49-18, but no request for conference, protest, or subsequent appeal to the Tax Court from any protest under this Article shall stay the collection of the indebtedness. No payment shall be made to the taxpayer, the provider of goods or services or the Contractor or Subcontractor of construction projects pending resolution of the indebtedness. Interest that may be payable by the State pursuant to N.J.S.A. 52:32-32 et seq. to the taxpayer, the provider of goods and services or the Contractor or Subcontractor of construction projects shall be stayed.

55. DISCLOSURE OF INVESTMENT ACTIVITIES IN IRAN: Pursuant to N.J.S.A. 52:32-55 et seq., any person or entity that submits a proposal or otherwise proposes to enter into or renew a contract must complete the certification to attest, under penalty of perjury, that neither the person or entity, nor any of its parents, subsidiaries, or affiliates, is identified on the Department of Treasury's Chapter 25 list as a person or entity engaging in investment activities in Iran. The Chapter 25 list is found on the Division's website at <http://www.state.nj.us/treasury/purchase/pdf/Chapter25List.pdf>. Consultants must review this list prior to completing the Disclosure of Investment Activities In Iran Certification. If NJ TRANSIT

finds a person or entity to be in violation of law, NJ TRANSIT shall take action as may be appropriate and provided by law, rule or contract, including but not limited to, imposing sanctions, seeking compliance, recovering damages, declaring the party in default and seeking debarment or suspension of the party.

56. ATTACHMENTS/EXHIBITS: All Appendices, Attachments and Exhibits, as listed below, are incorporated into this Contract:

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be duly executed the 21st day of December 2017 to be effective as of the day and year first above written.

WITNESS:

NEW JERSEY TRANSIT CORPORATION

By: Maisheda Chapman
Title
Designee

By: [Signature]
Contracting Officer or Duly Authorized

WITNESS:

CONSULTANT

By: Sach Robinson
Title Office Manager

By: [Signature]
Title VP, Planning

The aforementioned Agreement has been reviewed and approved as to form only.

**CHRISTOPHER S. PORRINO
ATTORNEY GENERAL OF NEW JERSEY**

By: [Signature]
Deputy Attorney General
Aziz Nakkar 10/31/17

**NJ TRANSIT AGREEMENT NO. 16-006
LONG SLIP FILL AND RAIL ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING & CONSTRUCTION
ASSISTANCE SERVICES**

EXHIBIT A – PROJECT SERVICES

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

SCOPE OF SERVICES - DETAILED DESCRIPTION OF TASKS

A. PROJECT REQUIREMENTS

Task 1.0 - Project Management:

The objective of this task is to keep NJ TRANSIT informed in a timely fashion with regard to both technical progress and financial status of the project. Project management should be of a proactive form that anticipates problems and delays as best as possible and addresses them before they reach critical level. Another objective is to maintain a continuous and timely dialogue and flow of information between the Consultant and NJ TRANSIT. Coordination and other related jurisdictional agency reviews are required subject to NJ TRANSIT direction.

The Consultant shall provide an experienced, integrated team with the specific combination of technical and management expertise across all required disciplines necessary to meet all Contract requirements.

The Consultant shall keep NJ TRANSIT informed in a timely fashion with regard to both technical progress and financial status of the project. To these ends, the project management team will implement and maintain a three-step approach to project management and control:

Subtask 1.01 Project Management Plan

A Project Management Plan (PMP) has been prepared by NJ TRANSIT for the Resilience Program, and reviewed and approved by the FTA. The PMP shall be implemented by The Consultant and NJ TRANSIT at the outset of the project. A project specific PMP for this project has been prepared by NJ TRANSIT. This plan defines the roles and responsibilities of all parties involved, outlines formal lines of communication, budget, schedule, and invoicing procedures. A sample copy of an approved project specific PMP is included in this RFP as Attachment H.

The Consultant shall govern its activities according to the PMP and Supplement for the Long Slip Fill and Rail Enhancement project, applying the means, methodologies, procedures and resources required to achieve the Project Management objectives. The PMP and Supplement shall work in conjunction with the Quality Management Plan as described later in this RFP.

The PMP will guide the Project's planning, engineering, and third party coordination throughout the duration of the Contract. NJ TRANSIT has developed document formats and requirements for Programmatic submittals in conformance with reporting to be utilized in NJTRANSIT's Resilience Program. In order to

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

SCOPE OF SERVICES - DETAILED DESCRIPTION OF TASKS

maintain consistency, such requirements related to the PMP submission will be available subsequent to issuance of this Directive.

The Consultant shall contribute to the Supplement to the PMP by producing and providing the appropriate charts and narrative to describe the organization, relationships, responsibilities, and procedures to be implemented to manage all aspects of the Project. At a minimum, The Consultant shall address and provide the following:

- a. Roles and Responsibilities
- b. Project Controls Management – schedule and budget
- c. Communications Protocol
- d. Design Management – internal reviews and checking procedures along with quality control procedures
- e. Configuration Management
- f. Interface and Integration Management
- g. Third Party Coordination / Third Party Agreements management
- h. Records Management

Deliverables:

- 1. Consultant Project Organization chart and narrative to support NJT's Project PMP document
- 2. Revised organization chart and narrative – Eight (8) weeks from NTP after receiving comments from NJ TRANSIT and the FTA.
- 3. Updates to the submitted documents as needed or and as directed by NJ TRANSIT.

Subtask 1.02 Project Control

The Consultant shall establish a system of monthly progress and cost control reports, which shall be attached to monthly invoices (see Attachment B for Sample Invoice Report). The report form as well as invoice(s) shall include a written description of technical progress, and "job-to-date" budget and schedule status and a comparison of this information to the preceding month, and projected future work planned for the next period. Milestones, decisions made, issues and action items shall be highlighted. Any unanticipated delays or gains or cost adjustments driven by unforeseen circumstances should be discussed in terms of completing the project on time and within budget. The Consultant shall provide a summary of all invoice costs in a format depicting values as described in Attachment C.

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

SCOPE OF SERVICES - DETAILED DESCRIPTION OF TASKS

Payment Procedures

This provision specifies the procedures for The Consultant's submission of Applications for Payments under this Contract and NJ TRANSIT's processing of those applications.

The Consultant will be eligible to receive payment upon successfully achieving demonstrated progress and compliance with the requirements of this provision and any other applicable provisions of the Contract.

The Consultant shall notify NJ TRANSIT in writing that it has achieved verifiable progress and requests reimbursement in connection with said progress. NJ TRANSIT shall ascertain whether the claimed progress has been achieved or not during the status review meetings and by review of valid Progress Reports as prescribed above.

Applications for payment shall at a minimum contain:

- a. The Consultant's name and address.
- b. The remittance address or bank to which payment is to be made.
- c. The Contract name or title and Contract number.
- d. An actual invoice for the amount identified above plus any other amounts due The Consultant under any other provision of the Contract signed by The Consultants Project Manager.
- e. The Consultant's certification that the amount requested is due and payable under the Contract and has not been previously invoiced or paid
- f. Certified Payrolls (timesheets not required).
- g. Supporting documentation for all expenses incurred.
- h. Disadvantaged Business Enterprise (DBE) participation levels.

NJ TRANSIT will promptly review The Consultant's Application for Payment upon receipt for accuracy and conformance with the above and will prepare and issue a Payment certificate, with a copy provided to The Consultant, showing the amount payable by NJ TRANSIT to The Consultant.

NJ TRANSIT may make any correction or modification that should properly be made to any amount previously considered due and paid by NJ TRANSIT.

Final invoice shall be submitted by The Consultant with certifications that all charges are final, accurate, all subconsultants' invoices have been accounted for

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

SCOPE OF SERVICES - DETAILED DESCRIPTION OF TASKS

and no additional charges will be forthcoming.

A payment issued by NJ TRANSIT shall not be construed as waiving any rights of NJ TRANSIT under the Contract or to be an acceptance of the Project or any portion thereof, nor shall it relieve The Consultant from any requirement or responsibility under the Contract or from replacing or revising unsatisfactory work for which it is responsible.

All sub-consultants employed shall be required to render invoices for the same general time periods that are used by the prime consultant. Exceptions identified during NJ TRANSIT invoice review must be resolved to NJ TRANSIT's satisfaction within two (2) working days. Absent such resolution, disputed invoice amounts will be deducted from that invoice.

Deliverables:

1. Applications of Payment
2. Final Invoice

Project Schedule

The Consultant shall develop and maintain a detailed project schedule, representing a practical plan to complete the Contract scope of work, and to meet the overall schedule.

The consultant shall present potential schedules for each potential construction services procurement package, and for potential construction phasing. The Consultant shall submit a Schedule with sufficient Construction consistent with the Contract requirements and completion dates, and NJ TRANSIT force account work schedules. Activity milestones shall be suitable to be used by NJ TRANSIT to include in a RFP for Construction Management Services and an Industry Outreach Meeting.

The purpose of the schedule is to provide an effective management tool by which The Consultant and NJ TRANSIT can measure progress, identify areas of schedule risk, and mitigate any potential delays quickly.

The Project Schedule shall be detailed and correlate with the work plan described in the Project Management Plan (PMP) and organized based on the tasks and major elements of the Project. The actual number of activities in the schedule shall be sufficient to insure adequate planning of the Project and to permit monitoring and evaluation of progress and analysis of the impacts of changing conditions on task duration and logic.

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

SCOPE OF SERVICES - DETAILED DESCRIPTION OF TASKS

The Consultant shall use Project Primavera 6.0 or NJ TRANSIT approved equal. The format of the schedule shall include bar chart plots and shall show columns for:

- Activity ID
- Activity Description
- Original Duration
- Early Start, Late Start, Early Finish and Late Finish
- Total Floats

The Work Breakdown Structure (WBS) codes shall be presented in organizational-chart format for approval prior to developing the Contract Schedule. Consultant shall code the Baseline Schedule using no more than 8 alpha-numeric characters for the Activity ID, and shall use the approved WBS. Timescale shall be shown in calendar days.

Initial Schedule Meetings and Monthly Progress Schedule Update Meetings shall be held to review, agree and approve all schedule deliverables. The Progress Schedule shall be submitted for approval at least five (5) days prior to the Progress Schedule Meeting. The Progress Meeting shall include discussion confirming percentage complete, actual start/finish, earned values and remaining duration. Upon approval of the Progress Schedule, it shall be included in the Monthly Report. The status date of the Progress Schedule shall be the last day of each month.

The Consultant shall submit the draft Baseline Schedule *without status* within three (3) weeks of Notice to Proceed (NTP). The Baseline Schedule shall be accompanied by a narrative outlining the assumptions made, formatting approach, definitions of terminology to be used in monthly reporting, original activity durations, calendar types used, explanation of resources and production rates, and relevant drawings or charts.

The Consultant shall make all corrections to the draft Baseline Schedule requested by NJ TRANSIT and resubmit within two (2) weeks of receiving comments. If The Consultant does not agree with NJ TRANSIT's comments, The Consultant shall provide written notice of disagreement within five (5) work days from the receipt of the comments. The items in disagreement shall be resolved in a meeting held for that purpose, if necessary within five (5) work days after the written notice.

The Baseline Schedule shall show the sequence and interdependence of activities required for complete performance of the Project beginning with the date of the NTP, and concluding with the date of acceptance of the Project and shall list

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

SCOPE OF SERVICES - DETAILED DESCRIPTION OF TASKS

specifically:

- a. Interim milestone completion dates required by the Contract shall be characterized. Phasing of all design activities as specified shall be prominently identified. Particular attention shall be given to design submittals.
- b. Submittal and review of design submittals and other deliverables shall include review time for designated reviewers.
- c. Submittals to, and reviews by outside agencies and shall allow sufficient time for review.
- d. Interface coordination and dependencies with proceeding, concurrent, and follow on contracts shall be developed.
- e. NJ TRANSIT-designated milestones shall be developed.
- f. NJ TRANSIT and regulatory milestones, as required to achieve approval into Final Design shall be developed.
- g. Acceptance of the Project, including completion of unfinished items prior to completion of any Contract milestones shall be noted.
- h. Work to be performed by other Consultants and agencies that affect the schedule and shall allow reasonable time for completion shall be noted.
- i. Acquisition of permits and related environmental approvals, licenses, agreements, and coordination with, municipalities, other agencies and community groups shall be noted.

The Consultant shall accurately develop the schedule logic and activity interdependencies, such that the schedule can fully convey an understanding of the Critical Path.

The Progress Schedule shall include all information current as of the status date. The Progress Schedule submittal to NJ TRANSIT shall be accompanied by a Schedule Status Report. This narrative report shall describe activities completed and progressed during the report period, activities planned for the forthcoming report period, potential issues, delay chain analysis as required, and actions required to correct or mitigate any negative float (actual or predicted). The report shall include an explanation of potential delays and problems, their estimated impact on performance, and their estimated impact on the Contract completion date. In addition, alternatives for possible schedule recovery, complete with a narrative rationale, to mitigate any potential delay shall be included for consideration by NJ TRANSIT.

Progress Reports shall include;

- a. Consultant's Transmittal Letter;
- b. Progress during period and plans for Project in forthcoming period.

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

SCOPE OF SERVICES - DETAILED DESCRIPTION OF TASKS

- c. Discussion of critical path for month and any changes to critical path since the last report;
- d. Pending Items and Status Thereof, regarding the following requirements:
 - Permits;
 - Change Order;
 - Time extensions; and
 - Interim Milestone Dates and Contract Completion Dates Status
- e. Description of Problem Areas;
- f. Current and Anticipated Delays; and the following information:
 - Cause of the delay;
 - Corrective action and schedule adjustments to correct the delay; and
 - Impact of the delay on other activities, milestones, and completion dates;

A schedule found to be unsatisfactory, or otherwise not in compliance with Contract documents shall be revised by The Consultant and resubmitted. Re-submittals shall conform to the same requirements as original submittals. No hours will be allowed for revision and resubmittal of non-conforming schedules.

Use of float suppression techniques such as preferential sequencing, special lead/lag logic restraints, negative lags, long lags, extended activity times, or imposed or constrained dates, shall be cause for rejection of the Detailed Critical Path Method (CPM) Schedule and any revisions or updates.

The Consultant shall schedule submittals for review by NJ TRANSIT in a manner that distributes reviews across time to avoid concentration of reviews in any discipline. The approved schedules shall be used by The Consultant to ensure adequate planning, scheduling, management, and execution of the Project and to enable NJ TRANSIT to evaluate Project progress and requests for payments by The Consultant.

Should it becomes apparent in the course of the current Progress Schedule Meeting or from the Progress Schedule itself that interim milestones, constraints, or submittal dates will not be met, The Consultant shall identify remedial actions through a Recovery Plan & Schedule, to be included as supplement/attachment to the Schedule Status Report. The Recovery Schedule shall be a separate discrete "break-out" schedule, which shall include activities as required to achieve the final milestones that shall coincide with the approved Baseline Schedule. Prior to executing remedial actions, The Consultant shall immediately notify NJ TRANSIT, and obtain approval before proceeding with same.

If original Baseline Schedule dates cannot be maintained, then The Consultant shall obtain approval from NJ TRANSIT prior to incorporating any revised dates

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

SCOPE OF SERVICES - DETAILED DESCRIPTION OF TASKS

into the next Progress Schedule submittal.

The last updated schedule submitted shall be identified as the "Final Progress Schedule." This schedule shall reflect the exact manner in which the Contract was actually completed (including start and completion dates, activities, actual duration's, sequences, and logic), and shall be signed and certified by The Consultant's Project Manager and The Consultant's scheduler as being a true reflection of the way in which the Contract was actually completed.

Deliverables:

1. Work Breakdown Structure Codes
2. Baseline Schedule – draft and final
3. Monthly Progress Schedule and Schedule Status Report
4. Recovery Plan and Schedule, as required
5. As-Built Schedule/Final Progress Schedule

Monthly Progress Reporting

The Consultant shall carefully monitor the progress of the Project during design and provide NJ TRANSIT with Monthly Progress Reports.

NJ TRANSIT has developed document formats and requirements for Programmatic submittals in conformance with reporting to be used for projects in the NJ TRANSIT Resilience Program (NJTRP). To maintain consistency, such requirements related to the Project Monthly Progress Report submission will be available to The Consultant subsequent to Contract award.

The Consultant shall submit one (1) hard copy and one (1) electronic copy of the Monthly Progress Report to NJ TRANSIT by the 7th day of each month that shall cover activities during the preceding month. The Monthly Progress Report shall be submitted by The Consultant's principal and shall include at a minimum the following:

- a. A written review of the progress achieved for that month with specific reference to the activities detailed on the Baseline Schedule and detailed progress on each stage of the design during the reporting period.
- b. Areas of concern and proposed resolution.
- c. Per task, planned schedule percentage complete versus actual percentage achieved and earned value versus planned usage for each resource shall be computed in tabular format from the resource and price loading.

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

SCOPE OF SERVICES - DETAILED DESCRIPTION OF TASKS

- d. Status of DBE participation.
- e. An up-to-date copy of the Delivery Submittal Schedule to NJ TRANSIT.
- f. Other content as directed by NJ TRANSIT.

- g. A certificate signed by the Quality Manager certifying for the previous month that:
- h. All work, including that of sub-consultants, has been checked and/or inspected by The Consultant's quality staff and that all work, except as specifically noted in the certification, conforms to the requirements of the Contract.
- i. The QMP and all measures and procedures provided therein are functioning properly and are being followed, except as specifically noted in the certification.

Deliverables:

- 1. Monthly Progress Report
- 2. Monthly Quality Certificate

Subtask 1.03 - Records Management Control System

The Consultant shall, in compliance with NJT's Document Control Procedures, coordinate and maintain internal procedures to identify and manage correspondence, business documents, current revision of instructions, procedures, drawings, specifications, reports and analyses, etc. NJT's objective is to establish a "paperless" project to the extent as practicable.

Project Document Control System

The Consultant shall provide at least one dedicated staff person to act as the "Document Control Specialist" (DCS). The DCS will act as the consultant representative and will be granted access to the New Jersey Transit Resilience Program Electronic Content Management System (ECMS). The DCS for the Consultant will be able to communicate and share data, drawings and reports with the NJTDCS rapidly and efficiently. This system will allow the consultant and NJT to utilize the ECMS as the project's file cabinet and for archiving all project documents and correspondence/e-mail. The documents entered into said system by the DCS shall be in compliance with the NJT Capital Planning & Programs (CP&P) Document Control Procedures and requirements outlined below.

Upon completion of the project or at such time as directed by NJT, the Consultant shall provide all finalized documents compiled, as part of the project, to NJT, in

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

SCOPE OF SERVICES - DETAILED DESCRIPTION OF TASKS

native form, hard copy and/or electronic, using computer hardware storage approved by NJT for reconciliation of the Project File stored on the ECMS.

Access to ECMS by the Consultant's DCS is granted after completion of training and documentation by NJT's CP&P Records Management staff. The DCS shall maintain and process files in a manner that complies with NJT's CP&P Document Controls Procedures in order to provide:

- A. The creation and maintenance of authentic, reliable, and usable records
- B. Proper utilization of NJT's ECMS to assure the trustworthiness and authenticity of data

The Consultant's DCS will manage all hardcopy and electronic documents for the Consultant, including, but not limited to the following:

- General project correspondence
- Contracts, specifications, progress reports, invoices
- Budget & finance data
- Drawings, plans, and images
- Project related e-mail messages and attachments
- CDs, DVDs, and other hard media
- Native files and image files of all documents

The DCS will also be responsible for the following tasks:

- Scanning as a PDF-A and indexing
- Posting of scanned documents for retrieval
- Emailing notification to document recipients
- Maintaining and processing documents provided by the Consultant
- Filing of original hardcopy (if applicable)

The Consultant DCS uploads shall occur, at a minimum, on a weekly basis to ensure that the Project File on the ECMS is current and adheres to CP&P Standards.

In the event of technical difficulties or other extenuating circumstances outside of The Consultant's control preventing the DCS from accessing the ECMS electronically, as a result of, NJT will provide a contingency plan to the Consultant that will enable continued processing of Project Files. Upon request by NJT, the Consultant shall provide DCS personnel at a designated NJT Office to assist in the processing of documents uploaded into ECMS.

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

SCOPE OF SERVICES - DETAILED DESCRIPTION OF TASKS

Deliverables:

1. Identification of document control support staff subject to NJT review
2. Monthly Project Records Submission Report
3. Transference of Project Records at project closeout

Subtask 1.04 - Quality Management

As part of the Quality Management for the project, The Consultant shall provide a comprehensive Project Quality Management Plan (PQMP) for all project related activities associated with this contract. The PQMP shall cover, not only The Consultant, but also all sub-consultants and subcontractors; these procedures shall be uniformly applied to all phases of the project. A Quality Manager shall be assigned to this project to ensure that the functions indicated within the PQMP are performed and properly documented. The Consultant shall submit their completed PQMP for review and approval by the NJ TRANSIT Resilience Program Quality Manager. As part of the Resilience Program's Quality Management Plan, design quality audits may be performed at any stage of the design, to ensure that the procedures within the approved PQMP are being followed.

The PQMP shall include procedures to assure technical quality in the design of the Project, thus reducing the potential for:

- a. Adverse schedule and cost impacts
- b. Poor design
- c. Poor product selection and/or installation
- d. Personal and public safety problems

The PQMP shall document how The Consultant shall execute the project to assure that:

- a. The Consultant's design processes produce a design that meets or exceeds NJ TRANSIT's requirements for this contract
- b. The project design and construction are properly completed and provided to NJ TRANSIT on-time and within budget.

During the term of the Contract, The Consultant shall also manage the quality of the work of its subcontractors and subconsultants, as described in the approved PQMP.

The Consultant shall submit a draft PQMP within four (4) weeks of issuance of the

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

SCOPE OF SERVICES - DETAILED DESCRIPTION OF TASKS

NTP, and a final within one (1) week of after receiving comments from NJ TRANSIT. The final PQMP shall incorporate all comments from NJ TRANSIT and other stakeholders as applicable. The PQMP shall be revised, updated, and approved as necessary throughout the term of the Contract to reflect the management system being currently used as the means for executing the Contract.

The Resilience Program's Quality Management Program Plan includes periodic design audits to be performed by NJ Transit, to ensure consistency with the FTA's Quality Management System Guidelines (December 2012), as it pertains to design. Within the FTA's guidelines, the elements of quality shall be covered by the audits and shall be incorporated into the designer's PQMP:

- a. Management responsibilities
- b. Documented Quality Management System
- c. Design control
- d. Document control
- e. Design Process control
- f. Control of Nonconformance
- g. Corrective and Preventive action
- h. Control of Quality records
- i. Quality audits
- j. Training
- k. Control of Subconsultant(s)

The PQMP shall also ensure the application and adherence to quality as it pertains to:

- a. Consistent control measures regardless of team member involvement
- b. Consistent enforcement of design reviews and approvals
- c. Consistent enforcement of QC during design to ensure that the completed design meets all Contractual requirements
- d. Consistent application of the corrective and preventive action program, ensuring issues are identified and mitigated throughout all Project activities
- e. Consistent training program to ensure that all design and activities are properly performed according to the Project requirements
- f. Documenting "lessons learned" and incorporating results into Projects as appropriate

As indicated above, periodic Design Quality Audits will be performed to ensure that the above mentioned procedures are performed.

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

SCOPE OF SERVICES - DETAILED DESCRIPTION OF TASKS

The Consultant shall appoint an experienced, qualified Quality Manager, familiar with the FTA's quality management standards, requirements and regulations. The selection of this individual is subject to NJ TRANSIT approval. The Quality Manager's responsibilities will include:

- a. Implementing the PQMP procedures
- b. Shall have the authority to stop the Project, if needed. There shall be a clearly articulated Quality Policy that expresses this authority, and shall be approved by the Executive(s) of The Consultant and be widely publicized and known throughout the project team.
- c. Report directly to The Consultant's Project Manager or more senior employee.
- d. Have direct access to a senior executive at The Consultant's firm.
- e. Be responsible for ensuring that the Quality System is effective in ensuring that all Contract requirements are satisfied.
- f. Have direct access to and be accessible to NJTRP's Quality Manager.

As part of The Consultant's PQMP, procedures shall be included to identify, collect, index, file, store and retrieve all quality records required by the Contract and generated pursuant to the Project Quality Management Plan and shall include the records of sub-consultants and subcontractors, as appropriate. These procedures shall include an electronic database to track and maintain control over all quality records generated by the Contract, which shall be part of the Records Management System and subject to data transfer to the NJTRP ECMS system referenced above.

Quality records shall be stored and maintained in such a way that they are readily retrievable and provided with a suitable environment that shall minimize deterioration or damage, and prevent unauthorized alteration or loss.

Quality control records shall be legible, reproducible, and identifiable with the item involved, and contain the date of origination and identity of the originator, verifier, and/or responsible supervisor.

The Consultant shall retain all quality records and design review mark-ups for a period of seven (7) years from the date of completion of the Project unless otherwise specified in the Contract. All quality records shall be made available to NJ TRANSIT upon request throughout the retention period.

The Consultant's PQMP shall include a procedure for conducting internal quality audits throughout the period of performance of the contract as follows:

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

SCOPE OF SERVICES - DETAILED DESCRIPTION OF TASKS

- a. Perform internal audits periodically.
- b. Identify in the audit any deficiencies found in the quality system, the causes of deficiencies and the status of corrective action or preventive action, when appropriate.
- c. Provide the audit results to NJ TRANSIT within five (5) days of the completion of the audit, including the required corrective actions (if any).
- d. Provide a final report to NJ TRANSIT confirming the completion of required corrective actions within thirty (30) days of the audit.

Deliverables:

1. Draft Project Quality Management Plan within four (4) weeks of NTP
2. Final PQMP within one (1) week of receipt of NJT comments
3. Internal Quality Management Review reports
4. Internal Design Quality Audit Reports (Initial and Final, confirming completion of corrective actions)

Subtask 1.05 - Design Control

The Consultant shall develop a Design Control Plan (DCP), establishing design control procedures that shall be integrated and consistent with the requirements described throughout this RFP. The Plan shall visibly track and report the status of design products to be submitted by the Consultant for NJ TRANSIT review. The Consultant shall revise, update, and submit for approval the Plan as required. The Plan shall:

- a. Define procedures for completing internal verification prior to the submission of documents to NJ TRANSIT for its review. Design Verification Activities shall include checking and back-checking calculations, drawings, specifications and other design elements without reliance on review and comments from NJ TRANSIT and shall be conducted before providing each design submittal to NJ TRANSIT.
- b. Define how design inputs and changes shall be managed by the Consultant in a manner that assures Contract and Consultant requirements are correctly translated into the drawings and specifications.
- c. Include a Design Review Schedule which shall be revised as needed as the design progresses.
- d. Be consistent with and follow the Quality Management Plan and shall specifically track all design and design verification activities included in the approved Quality Management Plan.

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

SCOPE OF SERVICES - DETAILED DESCRIPTION OF TASKS

- e. Be in a format that allows the Consultant and NJ TRANSIT to reasonably understand the means by which each design element of the project is being completed. It shall provide planned versus actual schedule performance and be accurate and useful as a means for NJ TRANSIT to determine how the design is proceeding throughout the design phase of the Project.
- f. Include subcontracted design elements.

The Consultant is reminded that it shall be liable to NJ TRANSIT for any costs incurred during the Construction Phase to correct, modify or redesign any design work completed by the Consultant that is later found to be defective, or not in accordance with the provisions of this agreement as a result of any act, error or omission on the part of the Consultant or its agents, servants or employees. The Consultant shall be given reasonable opportunity to correct any deficiencies at no additional cost to NJ TRANSIT.

Deliverables:

- 1. Design Control Plan
- 2. Contract Document Log

Subtask 1.06 - Project Meetings

This provision specifies the requirements for project meetings to be held during the term of the Contract. The Consultant shall attend and participate in the meetings set forth herein with NJ TRANSIT, its representatives, government officials or other parties interested in the Project as may be determined by NJ TRANSIT.

The Consultant shall prepare a record of the meetings containing: the date and place, meeting purpose, names and titles of those present, a brief description of the matters discussed, agreements reached/decisions made, action items and the party responsible for taking the identified action. Meeting minutes shall be prepared and provided within seven (7) calendar days from the meeting date to NJ TRANSIT for review and comments. Final meeting minutes shall be issued to all appropriate parties within two (2) calendar days of receipt of comments from NJ TRANSIT.

NJ TRANSIT will schedule a kickoff meeting with the Consultant within ten (10) calendar days of issuance of the Notice to Proceed for the Contract. The purpose of meeting will be to review the parties' responsibilities, major project milestones, procedures and submittals and personnel assignments. This meeting will be chaired by NJ TRANSIT and be attended by representatives of NJ TRANSIT, all

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

SCOPE OF SERVICES - DETAILED DESCRIPTION OF TASKS

key personnel identified by the Consultant and all major sub-consultants proposed by the Consultant. Agenda items shall include:

- a. Consultant's personnel roster
- b. Confirmation of all sub-consultants
- c. Consultant's project schedule, WBS, critical paths and major milestones
- d. Project Management Plan
- e. Design Management Plan
- f. Interface and Integration Management Plan
- g. Configuration Management Plan
- h. Quality Management Plan, including quality documents & records to be generated
- i. Procedures for processing design decisions and approvals
- j. Procedure for processing applications for payment
- k. Mobilization Issues

The Consultant shall conduct monthly progress meetings with NJ TRANSIT on a regularly established date, convenient for all parties involved (or more frequently if deemed necessary by NJ TRANSIT). Progress meetings shall be held in addition to other specific meetings held for other purposes. The meeting shall address technical and administrative issues of concern, determine courses of action, develop appropriate deadlines for resolution of issues, and assign individuals responsible for resolution of those issues. The Consultant and NJ TRANSIT will determine who shall attend the meetings. Additional attendees may include other parties as deemed appropriate for the success of the Project.

Agenda items shall include matters of significance that could affect progress such as:

- a. Review of the previous meetings minutes and resolution of open items.
- b. Consultant's project schedule.
- c. Requests for information and/or approvals.
- d. Changes
- e. Invoices and Payment Procedures
- f. DBE participation levels and goals

Status meetings shall be held prior to the submittal of the Consultant's Application for Payment. The purpose of the meetings is to determine that the status of activities as stated in Consultant's Monthly Progress Report and Progress Schedule are correct. This meeting will be attended by NJ TRANSIT and the Consultant. NJ TRANSIT disposition on the matter will be documented. The Consultant shall prepare meeting minutes.

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

SCOPE OF SERVICES - DETAILED DESCRIPTION OF TASKS

Deliverables:

1. Kickoff Meeting Minutes
2. Progress Meeting Minutes
3. Project Meeting Minutes

TASK 2.0 – Risk Management

The Consultant shall participate in a risk assessment and management process that shall, as a minimum, contain the following elements.

- a. Risk Planning: Prior to initiating the Preliminary Risk Identification Phase, The Consultant and NJT Resilience Program (NJTRP) staff shall meet to review the Risk Register Template established by NJ TRANSIT and the processes to ensure consistency with the requirements set forth within the NJTRP PMP and the NJTRP Risk Management Plan. Additionally, the Consultant and NJTRP staff shall review the parameters of The Consultants Risk Management Plan, prior to submission.
- b. Preliminary Risk Identification – The Consultant with input from the operating, maintenance and construction groups shall develop a preliminary list of all risks (threats or opportunities) that currently exist. The risks shall be entered into a Risk Register. The preliminary Risk Register shall be submitted to NJTRP's Risk Manager for review.
- c. Preliminary Workshop – The Consultant team: (designers/operations/maintenance/contractors) and NJ TRANSIT will meet and review the preliminary Risk Register. The Risk Register shall be refined to add or remove risks. Preliminary discussions shall include the impacts of the risk, who should own the risk, and possible mitigation strategies.
- d. Draft Risk Register – The draft Risk Register developed at the preliminary workshop with NJ TRANSIT will be sent for review two (2) weeks before the Risk Workshop.
- e. Risk Workshop – A risk workshop shall be scheduled and include a facilitator supplied by The Consultant. All members of the Consultant team shall attend the workshop. Smaller working groups of four (4) to six (6) participants will be established. Each working groups will be assigned specific risks to review, evaluate, assign ownership, perform a qualitative analysis and develop mitigation strategies. Each working group shall

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

SCOPE OF SERVICES - DETAILED DESCRIPTION OF TASKS

present their risks and findings to the entire team.

- f. Risk Register – Following the workshop meeting, a composite Risk Register will be developed that lists the risks in priority order, including ownership and mitigation strategies.
- g. Risk Management Plan – The Consultant shall work with NJTRP’s Risk Manager to develop schedule and cost implications associated with each risk, and track these levels of impact on the Risk Register. The Risk Register shall be circulated to predetermined stakeholders for review and comments each quarter (or as directed by the NJTRP Risk Manager) and updated periodically by the project team to address comments and update activities. The frequency of the Register updates may be revisited, on an as-needed basis. Risk is a dynamic aspect of every project and recurring meetings will be held with NJTRP’s Risk Manager to review and update the Risk Register.
- h. Risk Response Planning: The Consultant shall develop options and actions to enhance opportunities and to mitigate or eliminate threats to project objectives.
- i. Risk Monitoring and Control: The consultant shall identify new risks, track the identified risks, monitor residual risks, develop risk response action plans, executing risk response action plans and evaluate the action plan effectiveness throughout the project life cycle.

Deliverables:

- a. Risk Management Plan
- b. Risk Register
- c. Associated meeting and workshop findings
- d. Reports
- e. Updates of the Risk Register following Project Progress Meetings

TASK 3.0 - System Security and Emergency Management

System Safety Management Plan (SSMP)

The Consultant shall prepare a SSMP to document the approach taken to perform safety and security activities which contains eleven (11) sections:

- Section 1: Management Commitment and Philosophy
- Section 2: Integration of Safety and Security into Project Development Process

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

SCOPE OF SERVICES - DETAILED DESCRIPTION OF TASKS

Section 3:	Assignment of Safety and Security Responsibilities
Section 4:	Safety and Security Analysis
Section 5:	Development of Safety and Security Design Criteria
Section 6:	Process for Ensuring Qualified Operations and Maintenance Personnel
Section 7:	Safety and Security Verification Process (Including Final Safety and Security Certification)
Section 8:	Construction Safety and Security
Section 9:	Requirements for 49 CFR part 659, Rail Fixed Guideway Systems; State Safety Oversight
Section 10:	FRA Coordination
Section 11:	DHS Coordination

Deliverables:

1. SSMP – draft and final

B. TECHNICAL REQUIREMENTS

Part 1A: Review of Preceding Design Work and Pedestal Pit Conceptual Design

Task 4.1a – Review of Preceding Design Work

The Consultant shall review the conceptual design prepared by URS and develop a project plan to advance the final design. This includes but is not limited to the conceptual track design and foundation plans for the rail yard and platforms. The task shall also review the preliminary design of the platforms, canopies, station building/crew quarters, access ways and site work being designed by the NJ TRANSIT Design Services Unit for incorporation into the bid documents of this design effort.

Deliverables:

1. Letter outlining how the preceding work design work is addressed and incorporated into the PMP.

Task 4.1b – Pedestal Pit

The Consultant shall prepare a feasibility report and conceptual design to construct a pedestal pit adjacent to the center island high level platform on the northernmost track in accordance with NJ TRANSIT standard requirements for pedestal pit tracks.

The conceptual design shall include the following:

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

SCOPE OF SERVICES - DETAILED DESCRIPTION OF TASKS

- a. Maximum length of pedestal pit that is in compliance with all AREMA and NJ TRANSIT clearance requirements.
- b. Foundation and structural design. Including an analysis between cast in place and precast concrete.
- c. Storm drainage and treatment system.
- d. Electric supply, lighting and convenience outlets.
- e. Compressed air and hot and cold water for maintenance functions.
- f. Emergency egress from the pit to a safe area in the yard
- g. Identify staging, phasing and constructability issues.
- h. Construction cost estimate and schedule.

Deliverables:

1. Deliver one (1) electronic and ten (10) paper copies of the Pedestal Pit Conceptual Design and Feasibility Report eight (8) weeks from NTP.

Task 4.1c – Head End – Wayside Power:

The Consultant will prepare a concept plan, feasibility report, load estimate and preliminary cost estimate to provide wayside power to 6 wayside power panels located between the tracks or on the platforms in conjunction with the access stairs planned for the pit pedestals. A similar exercise should also address providing 9 panels for greater access. The panels should be equally spaced along the 1,000 lineal feet of the tracks adjacent to the platform areas. The plan will consider using the station and platform power originating from the proposed Henderson Street Substation that will route a feeder 50 feet from the substation toward the Long Slip Tacks. The plan will follow the concept for the Long Power feeders that will extend to the west end Long Slip abutment and be supported by brackets fixed to the platform piers beneath the platform decking.

Part IB: Preliminary Design

The Consultant shall review the conceptual design prepared by URS and develop a preliminary design (30% level) that includes all information required to advance the final design. This includes but is not limited to the conceptual track design and foundation plans for the rail yard and platforms. The task shall also review the preliminary design of the platforms, canopies, station building/crew quarters, access ways and site work being designed by the NJ TRANSIT Design Services Unit for incorporation into the bid documents of this design effort. This especially applies to the coordination of the track details and its relationship to the proposed platforms.

Task 4.2 - Preliminary Design:

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

SCOPE OF SERVICES - DETAILED DESCRIPTION OF TASKS

General Requirements – 30% Submittal:

- a. Listing of all anticipated drawings.
- b. Base drawings showing the limits of all work.
- c. One (1) electronic and ten (10) paper copies of sufficient plans, typical sections and details to indicate the intent of the design.
- d. Project Definition Report (Draft). This report is intended to provide project assumptions and criteria in narrative format. Provide background and history for any significant changes. Provide description of project intent for those elements that cannot yet be shown clearly on drawings.
- e. Coordination will be required with other planned projects throughout the Hoboken complex and staging around the site and the street crossing.
- f. Preliminary calculations.
- g. Preliminary cost estimates and construction schedules.
- h. Specification format and outline, including list of applicable sections;

Task 4.3 - Update Design Criteria:

The Consultant shall review and update as necessary the design criteria established at the conceptual design stage.

Task 4.4 - Track Design:

- a. The Consultant shall refine the track alignment design and establish limits of work, impact of disturbance on existing surfaces and facilities, and limits of embankments and excavations. The Consultant shall establish and design to the governing design criteria based on horizontal and vertical geometry requirements, special trackwork designs, operating speeds, and vehicle characteristics. The Consultant shall work with NJ TRANSIT to determine locations for special trackwork, interlockings, and auxiliary configurations. Top of rail elevation shall be a minimum of 14.5.
- b. The vertical and horizontal alignments shall at a minimum consider the following during the preliminary design:

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

SCOPE OF SERVICES - DETAILED DESCRIPTION OF TASKS

- i.) Conflicts with existing utilities, foundations, underground vaults, passage-ways
 - ii.) Turnouts and crossovers at merges with existing rail lines
 - iii.) Property impacts, grades, clearances, impacts to operations and constructability
 - iv.) Clearance envelopes
 - v.) Verify clearances between tracks will allow for continued vehicular (maintenance and emergency) and pedestrian access to the terminal and yard facilities
- c. Include design plans for track switch modifications per the field report that calls for the installation of a No. 15 switch along the main tracks and the elimination of the double slip switch at Track 129. See Attachment A.

Deliverables:

1. Electronic and six copies of Preliminary Design plans and reports and an assessment of continued vehicular and pedestrian access to the Hoboken Complex

Task 4.5 - Civil Design:

- a. Preliminary civil construction plans shall be provided, depicting clearing and grubbing areas, site demolitions, locations of temporary and permanent roadways and sidewalks, removal of surcharge fill, installation of structural fill and proposed surface grading to an elevation of 14.5 at the station platforms and drainage, and location and configuration of all proposed structures such as retaining walls, platform foundations, relieving structure and support facilities.
- b. The proposed reconfiguration of the access roadway, sidewalks and other public access areas shall be clearly shown. Emergency egress paths shall be depicted on the drawings
- c. Provide civil construction plans for final configuration, and for construction staging

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

SCOPE OF SERVICES - DETAILED DESCRIPTION OF TASKS

- d. Provide Typical Cross Sections for the project length.
- e. The Consultant shall also provide preliminary foundation design required for platforms and future crew facility.
- f. The site design of Phase 2 must consider all drainage areas with the exception of the rooftop area of the proposed station structure that will be routed through the bulkhead and discharge directly to the Hudson River. This task will provide a design of any penetration through on site structures provided in this RFP including the closure bulkhead or cofferdam to seal Long Slip. The design scope will also address the drainage of the vacant areas east of the proposed station structure. The Task must include the effort to provide clear and coordinated drainage plans for the entire project in the bid documents.

Task 4.6 – Bridges, Buildings and Structures:

- a. The Consultant shall prepare a preliminary design, including configuration, layout and typical sections, for all new structures,
 - i.) Signal and Communication Enclosures
 - ii.) Control Rooms
 - iii.) Electrical Distribution Rooms
 - iv.) Retaining Walls
 - v.) Major Drainage Structures
 - vi.) Maintenance Access Features
 - vii.) Major Utility Supports
 - viii.) Catenary Poles
 - ix.) Access Ramps
 - x.) Marin Boulevard Rail Bridge
 - xi.) Viaduct from Marin Boulevard to Long Slip
 - xii.) High-level Platform Foundations
 - xiii.) Crew Quarters Foundation
- b. Preliminary structural construction plans shall be provided, depicting clearing and grubbing areas, site demolitions, locations of temporary and permanent roadways and sidewalks, removal of surcharge fill, installation of structural fill and proposed surface grading

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

SCOPE OF SERVICES - DETAILED DESCRIPTION OF TASKS

- c. All abutments and retaining walls shall be designed and constructed in with conventional cast-in-place reinforced concrete and rebar with no allowance for any MSE retaining walls or structures. All structures will be bridge, abutment and retaining wall structures will be pile supported and integrated with existing structures. All bridge and deck work shall be constructed in accordance with:
 - AREMA Chapter 8 – Substructure
 - AREMA Chapters 8 and 15 – Superstructure
 - Ballasted Decking
- d. Platform foundation design and fill installation will require design reviews with the Port Authority of New York and New Jersey and structural monitoring may be required.
- e. The design effort shall also remain apprised of the URS design work to create a filled working area and incorporate the URS design for the lightweight concrete track mat, track area retaining walls and platform foundations The design shall also coordinate all details and incorporate the NJ TRANSIT plans platform, station and related plans.
- f. The scope of work will also include the design of an emergency ramp or stairwell for the east end of the three platforms linked to a tunnel that will traverse beneath the six Long Slip tracks and provide egress points through the north and south side of the retaining walls. The south side will also provide a passageway design and architectural finishing plans for access from the tunnel to a walkway beneath the elevated light rail track the fenced area along 18th Street. See Attachment B.

Task 4.7 - Traction Power/Electrical:

- a. The Consultant shall design the following items during preliminary design to successfully complete the project:
 - i.) Overhead Contact System (OCS)
 - ii.) OCS Foundations and Support
 - iii.) Transmission Line Routing
 - iv.) Electrical supply and lighting design
 - v.) Coordination of power needs with other projects
 - vi.) The Consultant shall include in its proposal an allowance of 200 hours to relocate electrical feeders on the new catenary poles, to be used at the sole

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

SCOPE OF SERVICES - DETAILED DESCRIPTION OF TASKS

discretion of NJ TRANSIT. The Consultant shall not charge any time against this task, unless explicitly authorized to do so by NJ TRANSIT.

- b. Power is available at Mason Substation to energize the OCS required in this scope of work. Design shall include the installation of a Remote Terminal Unit (RTU) House that isolates the new OCS for maintenance functions. All work shall be in accordance with NJ TRANSIT design standards and the consultant shall coordinate design with NJ TRANSIT Rail ET Department.
- c. The Consultant shall perform a stray current control analysis, including interfacing between the new and existing systems and, propose stray current mitigation.

Task 4.8 - Signal Systems:

- a. The Signal system design and modifications will be done in-house by NJ TRANSIT. The Consultant shall coordinate their work with NJ TRANSIT as needed.

Task 4.9 - Cost and Schedule:

- a. The Consultant shall update cost and schedule estimates from the conceptual stage
- b. The estimates shall be developed and formatted to comply with Standard Cost Category (SCC) methodology. Up-to-Date unit prices shall be used.
- c. The construction cost estimates shall include quantified items for each type of work including costs of staging, safety and other associated items required for the protection of the Railroad and the public. The construction cost estimates shall include appropriate contingencies.
- d. Each project decision point will require an accurate accounting of cost impact. Cost data shall be current to the issues being considered and relevant to fluctuations in the marketplace.

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

SCOPE OF SERVICES - DETAILED DESCRIPTION OF TASKS

- e. For scheduling, consider if there are segments of the construction work that can be segregated and go forward as advance projects.

Task 4.10 - Supplemental Survey:

- a. At the preliminary design stage, the Consultant shall supplement survey information from the conceptual stage as required.
- b. Update base maps for use in preliminary design documents.
- c. The Consultant shall provide survey support to the geotechnical investigation, utility relocation and environmental subsurface investigation programs.

Task 4.11 - Utility Relocation Preliminary Estimates:

- a. Update the utilities information collected and documented at the conceptual stage. The Consultant shall identify all existing and proposed utilities within and immediately adjacent to the site. The Consultant shall identify the locations of possible utility impacts or conflicts resulting from the project and determine the required improvement. The Consultant shall locate all types and sizes of utilities and prepare both existing utility and preliminary utility relocation drawings.
- b. The preliminary utility drawings shall include all facilities. The Consultant shall determine the utility owners' horizontal and vertical controls, and convert the survey data to comply with the project standards. The Consultant shall catalog data collected, and maintain file copies of source documents, such as deeds, licenses, plots, easements, or other documents used to locate utilities.
- c. The Consultant shall meet with utility owners and associated regulatory agencies to ascertain the requirements for permanent utility relocations, as well as for temporary supports and work-arounds as required during construction.
- d. The Consultant shall also develop preliminary utility cost estimates for all temporary and permanent work, including

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

SCOPE OF SERVICES - DETAILED DESCRIPTION OF TASKS

providing support during construction. The Consultant will prepare the necessary sketches, plans, and agreements, along with descriptions of work, to accompany utility permit applications. The Consultant will also be available to assist the NJ TRANSIT in preparing agreements for the correction of utility – related problems with the respective utility owners, if required.

- e. The Consultant shall develop the preliminary drawings in compliance with rules of the appropriate regulatory authority.
- f. The Consultant will provide necessary documents and applications required to permit rearrangement of utilities and/or secure easements.

Deliverables:

- 1. Existing and Proposed Utility Preliminary Relocation Drawings
- 2. Utility Cost Estimates
- 3. Utility Catalog and Files
- 4. Utility Agreements – Drafts and Final for reimbursement of engineering cost.

Task 4.12 - Geotechnical Investigations:

- a. After reviewing the conceptual design, the Consultant shall determine if additional borings and geotechnical investigation is required. The plan shall identify the locations at which additional subsurface information is required in order to ascertain the bedrock profile and quality of subsoils. The Consultant shall conduct the investigation and document the data and findings in a geotechnical report, providing an appropriate level of analysis as required to support final design, temporary support and underpinning design, and to determine constructability implications for all facilities and systems.
- b. The Consultant shall develop a boring location plan that will provide information for design and construction.

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

SCOPE OF SERVICES - DETAILED DESCRIPTION OF TASKS

- c. The Consultant shall develop a plan for performing laboratory testing of representative samples from the borings.
- d. The Consultant shall conduct the boring and laboratory testing based on the approved plan. The Consultant shall implement the plan, conduct the testing, and prepare a report of results. The program shall include:
 - i) Hiring a qualified drilling contractor
 - ii) Monitoring of field work
 - iii) Collecting, cataloging and storing samples and rock cores. The Consultant shall be responsible for the storage of all soil and rock core samples.
- e. The Consultant shall provide a site specific seismic analysis of the project site to assess the seismic characteristics for the site, anticipated earthquake levels, potentially dangerous geotechnical phenomena (e.g. fault movements), soil liquefaction potential and landslides, as appropriate.
- f. The Consultant shall prepare a comprehensive geotechnical report including foundation recommendations, filling of Long Slip and seismic considerations. The report shall include boring logs, subsurface soil profiles, and analysis for each geologically discrete project element.

Deliverables:

1. Geotechnical Investigation Plan, Boring and Testing Program
2. Boring Plan and Profiles
3. Geotechnical Report, with boring logs and analysis for each geologically discrete project element – within 210 days of Preliminary Design Notice to Proceed

Task 4.13 - Environmental:

1. Environmental Subsurface Investigations

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

SCOPE OF SERVICES - DETAILED DESCRIPTION OF TASKS

- Incorporate the Soil Management and Reuse Plan into the Environmental Health and Safety Plan provided by NJT
- Incorporate permit conditions in the plans and specifications including but not limited soil erosion, soil management, construction within the flood hazard area.

Deliverables:

1. All due as required to meet Project Schedule
2. Permitting
The Consultant shall support the permit process by others including descriptions of the project components, providing in progress design drawings and enhanced graphics of the design plans for reporting purposes.

Task 4.14 – Optional Pedestal Pit:

If directed by NJ TRANSIT the Consultant shall complete the Preliminary Design of the Pedestal Pit in accordance with the Conceptual Design and Feasibility Report that was accepted by NJ TRANSIT. This Task will be authorized at the sole discretion of NJ TRANSIT. The Consultant shall not charge any time against this task, unless explicitly authorized to do so by NJ TRANSIT.

Task 4.15 - Value Engineering:

1. After the Preliminary Design has been submitted, the Consultant shall provide Value Engineering (VE) using a separate firm specializing in VE. The VE study will include the design for the new passenger platforms, crew facility and the Long Slip Yard.
2. The Consultant shall cooperate fully with the VE Team, participate in the process and provide all technical data as required.
3. In order for the Value Engineer to perform the VE design review, the Consultant shall provide the following:
 - a. Five (5) hardcopies and electronic pdf of Draft Feasibility Report
 - b. access to project documents
 - c. one (1) copy of design, cost estimate and schedule calculations
4. A one week VE workshop will be held.

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

SCOPE OF SERVICES - DETAILED DESCRIPTION OF TASKS

- a. The Consultant shall attend an introductory session the morning of the first day of the VE workshop.
- b. During the week that the VE workshop is being conducted, the Consultant's design team shall be available at their regular places of work to communicate with the Value Engineer's team to answer questions regarding the project design.
- c. Approximately ten days after the conclusion of the VE workshop the VE firm shall provide NJ TRANSIT and the Designers with a preliminary copy of the Value Engineering's design review report. The report will contain VE recommendations and claimed cost savings that could be realized by the NJ TRANSIT, if they were to accept the VE recommendations. The Designers shall review the VE design review reports. The Designers will submit written comments on each VE recommendation. The comments shall include potential impacts caused by the VE recommendation, such as schedule delays, re-design cost, and impact on other work and construction costs. The comments shall include the Consultants' opinions of the VE recommendations and their own recommendation as to whether the VE recommendations should be accepted or rejected. The comments are to be submitted to NJ TRANSIT no later than seven calendar days after the presentation meeting described below.
- d. Approximately five days after receipt of the preliminary VE report a presentation meeting with the Designers, Value Engineer and NJ TRANSIT shall be held. The purpose of the meeting is for the Value Engineer to present the basis for their VE recommendations and claimed cost savings. The Designers will be allowed to question the rationale of the VE recommendation and the cost savings.

Deliverables:

1. Provide PE Feasibility Report copies and Documents/Data to VE participants as required
2. PE VE Report Review comments within 14 days of receipt of VE Report

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

SCOPE OF SERVICES - DETAILED DESCRIPTION OF TASKS

Task 4.16: As-Directed Preliminary Design

The Consultant shall include in its proposal an allowance of 2000 hours in excess of the hours necessary to complete all the work previously described, to be used at the sole discretion of NJ TRANSIT. The Consultant shall not charge any time against this task, unless explicitly authorized to do so by NJ TRANSIT.

Part 2: Final Design

Task 5 - Preparation of Final Plans, Specifications, and Estimates

Complete plans and specifications for the approved replacement scheme based on Task IA shall be submitted during this phase along with all other permits, bid estimates, and construction documents necessary. Three (3) review submissions at 60%, 90% and 100% levels. The plans shall incorporate the retaining walls and lightweight concrete mat plan for the Long Slip Rail Yard area, and comport with the NJ TRANSIT platform and station design to be included in the plan bid documents for this project.

Task 5.1 - Design Development (60% Complete Documents)

Task 5.1.1 – Optional Pedestal Pit

If directed by NJ TRANSIT the Consultant shall complete the 60% Design Documents in accordance with the Preliminary Design and all comments received from NJ TRANSIT. This Task will be authorized at the sole discretion of NJ TRANSIT. The Consultant shall not charge any time against this task, unless explicitly authorized to do so by NJ TRANSIT.

Task 5.2 - Final Design (90% Complete Documents)

The Consultant is responsible for ensuring that, at a minimum, the following items are complete at the end of 90% design and engineering.

- Completed drawings sufficient to clearly indicate magnitude and intent of the design. 90% submission shall be complete such that the design can be progressed seamlessly towards final drawings without the need for redesign or re-engineering.
- All specifications sections (CSI Format)
- Completed constructability review with report
- Completed staging requirements

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

SCOPE OF SERVICES - DETAILED DESCRIPTION OF TASKS

- 90% level cost estimates and construction schedules, prepared item by item, developed where appropriate using labor, materials, equipment and productivity/ efficiency factors (e.g., accounting for night, overtime, weekend, train operations interruptions, etc. work).
- 60% review comments and responses report. 60% review comments shall be incorporated into the 90% documents

Deliverables:

1. One (1) electronic and eight (8) copies of the construction documents including drawings, specifications, calculations, project construction schedule, and cost estimates.
2. The drawing allocation shall include ten (10) half-scale sets of prints, one (1) full size set of prints, and one (1) half-scale reproducible set of originals.

Task 5.2.1 – Optional Pedestal Pit

If directed by NJ TRANSIT the Consultant shall complete the 90% Design Documents in accordance with the 60% Complete Design Documents and all comments received from NJ TRANSIT. This Task will be authorized at the sole discretion of NJ TRANSIT. The Consultant shall not charge any time against this task, unless explicitly authorized to do so by NJ TRANSIT.

Task 5.3 - Final Design (100% Complete Documents)

The Consultant is responsible for ensuring that, at a minimum, the following items are complete at the end of 100% design and engineering.

The final review 100% documents shall include:

- Completed design drawings for disciplines/systems/staging specified for Design Development
- Completed technical specifications (CSI Format)
- Assistance in the preparation of Special Provisions, as required;
- An estimate of quantities and a final detailed cost estimate formatted in the form of the Bidders Proposal, including unit prices where appropriate; and documentation of analyses used to establish unit and lump sum prices;
- Utility agreements, plans, and evidence of coordination with utility facilities affected by the project;
- Bidders' proposal form by discipline, including quantities where appropriate;
- 90% review comments and responses report. 90% review comments shall be incorporated into the 100% documents
- Proposed project construction schedule

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

SCOPE OF SERVICES - DETAILED DESCRIPTION OF TASKS

At this submission, ALL PLANS AND SPECIFICATIONS MUST BE COMPLETE; no missing drawings/sections shall be allowed. The Consultant shall submit drawings and other related data as set forth above for NJ TRANSIT review and approval.

Deliverables:

1. One (1) electronic and eight (8) copies of the construction documents including drawings, specifications, project manual, project construction schedule, and cost estimates.
2. The drawing allocation shall include six (6) half-scale sets of prints, one (1) full size set of prints, and one (1) half-scale reproducible set of originals.
3. The half scale and full size drawing are also to be submitted individually as PDF files.

Task 5.3.1 – Optional Pedestal Pit

If directed by NJ TRANSIT the Consultant shall complete the 100% Final Design Documents in accordance with the 90% Complete Design Documents and all comments received from NJ TRANSIT. This Task will be authorized at the sole discretion of NJ TRANSIT. The Consultant shall not charge any time against this task, unless explicitly authorized to do so by NJ TRANSIT.

Task 5.4 - Peer Review

At the 60% and prior to Final design levels, the Consultant shall conduct a Peer Review of its design in order to validate that the overall engineering and quality objectives of the Long Slip Yard Project have been successfully addressed. One of the primary objectives shall be to assure that the integration of the different systems and disciplines are advancing the project successfully. The Peer Review will also include a constructability review and analysis of construction cost estimates and proposed follow-on contract packaging suggestions prepared by the Consultant. The Peer Review team shall consist of senior engineering personnel from the Consultant design team firms who are not associated with or have had any knowledge or involvement with the technical details of the Long Slip Yard Project prior to being assigned to the team. The review team may also involve other transit agency personnel, third party consultants/contractors and/or FTA/PMO personnel. The Peer Review team personnel shall be approved by NJ TRANSIT and will include selected NJ TRANSIT personnel. Information and data to be presented during the Peer Review shall not be made available to any member of the Peer Review team prior to the review. The Peer Review discussion and

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

SCOPE OF SERVICES - DETAILED DESCRIPTION OF TASKS

results will be documented in a report within 7 days of the completion of the Peer Review.

Deliverables:

1. Peer Review Report

Task 5.5 - Interagency Coordination – Final Design

This task is to provide assistance/services to NJ TRANSIT during the course of the design effort, which may require/involve coordination with various Federal, State, County or local authorities. The Consultant would be looked upon to provide services such as:

1. The Consultant may be required to attend meetings and events, assisting NJ TRANSIT in accordance with an environmental or community information program. Record and prepare minutes of all meetings.

The Consultant shall allow 500 hours for Task 5.5, to be used at the discretion and direction of NJ TRANSIT. The Consultant shall not charge any time against this allotment, unless explicitly authorized to do so by NJ TRANSIT. Coordination with the Port Authority of New York and New Jersey is considered part of the design and shall not be charged to this Task.

Task 5.6 - As Directed – Final Design

The Consultant shall include in its proposal an allowance of 1,000 hours in excess of the hours necessary to complete all the work previously described, to be used at the sole discretion of NJ TRANSIT. The Consultant shall not charge any time against this task, unless explicitly authorized to do so by NJ TRANSIT.

Task 5.7 - Construction Bid Package

At the 100% design and engineering stage, the technical specifications and prints of the final drawings (which include revisions incorporated as a result of the final review), undergo one final review. The approved drawings and specifications (known as the contract drawings or construction bid documents) are then used by NJ TRANSIT in the procurement process to solicit construction services and equipment for the project.

1. The Consultant shall prepare Final Design Documents signed and sealed as appropriate. Final Design Documents shall be submitted to NJ TRANSIT for approval. Final drawings and specifications shall set forth in detail the

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

SCOPE OF SERVICES - DETAILED DESCRIPTION OF TASKS

requirements for the construction of the entire project including necessary bidding information. The Consultant shall also assist in the preparation of the complete bid package.

2. The final bid package shall include:
 - Fully completed drawings for disciplines/systems specified in the final review
 - Fully completed technical specifications using the format of the Construction Specifications Institute (CSI)
 - Special Provisions
 - An estimate of quantities and final detailed cost estimate, including unit prices where appropriate, along with documentation of analyses used to establish unit and lump sum prices;
 - Utility agreements, plans, and evidence of coordination with utility facilities affected by the project;
 - Bidder proposal form by discipline, including quantities, where appropriate;
 - Construction staging plans and temporary signage plans as equipped for each stage of construction; and
 - Proposed project construction schedule

3. The Contract Drawings are to observe the following signature procedures:
 - The Consultant shall sign and seal all drawings prepared by the Consultant with a New Jersey Professional Engineer or Registered Architect.
 - Any Subconsultant shall sign and seal its own drawings. The Consultant's logo shall appear on each drawing prepared by a Sub consultant.

4. Design Calculations and Diagrams
 - a. The Consultant shall submit complete design computations and design drawings covering all foundations, structural framing and supports such as primary framing members, bracing, etc.

 - b. Calculations shall clearly distinguish between new and existing construction. Documents from which existing dimensions and existing member properties were obtained shall be referenced in the calculations.

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

SCOPE OF SERVICES - DETAILED DESCRIPTION OF TASKS

- c. All engineering calculation sheets shall be numbered, dated and indexed. The index sheets shall define the total number of the sheets submitted and shall bear the seal and signature of an experienced engineer holding a Professional Engineer's License in the State of New Jersey and who is familiar with and in responsible charge for the design.
- d. If computations are submitted in computer printout form, furnish the following:
 1. Descriptions and proof adequacy of the program. The description of each program shall include:
 - Type of problems solved by the program;
 - Nature and extent of the analysis;
 - Assumptions made in the program;
 - Instructions for interpreting the computer output format.
 2. The design criteria used and the diagram showing the loading conditions and loading combinations.
 3. The design constants and equations used, including all references.
 4. Indexed and clearly identified input and output sheets for the entire structure or for those portions of the structure which will be sufficient to enable NJ TRANSIT to evaluate the structure.
 5. A clear diagram of all member forces (axial, shear, bending, or other forces as appropriate) for each loading condition controlling the design.
5. Construction Schedule
 - a. Provide an estimate of the time required to complete construction. Present the Construction Schedule in bar chart form using days, weeks or months as appropriate for the limit of time. The schedule is to indicate coordinated construction activities including NJ TRANSIT track outages. This Construction schedule is for NJ TRANSIT project control purposes only, and will not be for use by any Contractor.
 - b. Determine from the project plan the delivery time required for long-lead time apparatus and material. Prepare material lists for all long-lead or NJ TRANSIT supplied materials, equipment and apparatus, and submit to NJ TRANSIT for approval and advertising for bids.

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

SCOPE OF SERVICES - DETAILED DESCRIPTION OF TASKS

6. Construction Bid Services

The following construction bid services shall be provided as part of this task:

- Answer questions asked of NJ TRANSIT staff by bidders during the bid period
- Review contractor's bid documents for conformity with technical requirements and completeness of response of the bid package and reasonableness of bid quoted.
- Prepare bid document addenda including Contract Drawing revisions and engineering calculations, as necessary or as requested by NJ TRANSIT for NJ TRANSIT approval and issuance. Furnish originals for final printing.
- Conform all contract drawings to Addenda as directed by NJ TRANSIT after award of the construction contract. All contract drawings must be conformed and marked as such within one month of the construction bid opening date.
- NJ TRANSIT shall address bid questions regarding the platform, canopy, and its respective design drawings.

7. The Consultant shall exercise reasonable care in the preparation of contract documents to conform to all applicable code requirements in effect at the time of issuance of the contract documents. As previously mentioned, the approval of plans and specifications which have been submitted and received by NJ TRANSIT is not to be construed as authority to violate, cancel or set aside any provisions of applicable codes or this contract.

The Consultant shall be liable to NJ TRANSIT for any costs incurred to correct, modify or redesign any drawings submitted by the Consultant that are found to be defective or not in accordance with the provisions of this agreement as a result of any act, error, or omission on the part of the Consultant, agents, servants or employees. The Consultant shall be given reasonable opportunity to correct any deficiencies at no additional cost to NJ TRANSIT.

The Consultant is responsible for ensuring that the construction bid package:

- a. Provides all drawings signed and sealed by a New Jersey Professional Engineer.

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

SCOPE OF SERVICES - DETAILED DESCRIPTION OF TASKS

~~Involvement will be at the request and under the direction of the NJ TRANSIT Project Manager.~~

~~As part of the services performed under this task, the Consultant will be expected to attend one pre construction meeting, and selected construction progress meetings.~~

Task 6.1 – Response to Questions

~~As necessary throughout the construction period, the Consultant will provide the required technical expertise necessary to respond to any design document related question, request for clarification, etc. This service shall be available for issues brought forward by NJ TRANSIT, the prime contractor, his subcontractors, or any related or impacted Federal, State, County or municipal entity. Consultant activities under this Task will be undertaken only as requested by the NJ TRANSIT Project Manager. This task does not include a response to any questions related to NJ TRANSIT in-house designs but the Consultant shall review and provide comments on the draft responses prepared by NJ TRANSIT.~~

Task 6.2 – Change Order Preparation/Evaluation

~~When requested by NJ TRANSIT, the Consultant will assist in the review and analysis, and provide recommendations on Contractor requests for change and change orders through the preparation of detailed cost estimates. Cost estimates shall include material quantities and cost, labor quantities and all direct and indirect costs, and an analysis of the contractor's proposal for alternate methods and materials. This task does not include change orders related to the NJ TRANSIT in-house design of the platforms, canopies and station/crew quarters structure although the Contractor shall remain apprised of these activities.~~

~~In addition, the Consultant will prepare all necessary change order documents (designs, specifications, cost estimates, schedule analysis, etc.) as required by NJ TRANSIT for effective change order evaluation, negotiation and construction.~~

Task 6.3 – Shop Drawing Review and Material Approvals

~~The Consultant shall review and approve all project design related shop drawings and material submittals as designer of record. These reviews and approvals shall be completed and returned no later than ten (10) working days after receipt from the Construction Manager/Contractor. This task does not include a review of submittals related to the NJ TRANSIT in-house design of the platforms, canopies~~

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

SCOPE OF SERVICES - DETAILED DESCRIPTION OF TASKS

~~and station/crew quarters structure. However, the Consultant shall remain apprised of the submittals, reviews and responses for these items.~~

Task 6.4 — Punch List Inspection/Development and Certification of Substantial Completion

~~The Consultant will participate in the inspection and assist in the development of the final punch list to be received by the contractor prior to Final Acceptance. Under this Task, the Consultant will also provide the necessary services to qualify or not qualify the project as "substantially complete" and offer documented notification of same. This task does not include a review of submittals related to the NJ TRANSIT in-house design of the platforms, canopies and station/crew quarters structure. However, the Consultant shall remain apprised of the punch list, reviews and responses for these items.~~

Task 6.5 — Final Inspection/Project Inspection

~~As the designer of record, the Consultant will participate in the final project inspection following completion of punch list activities, and provide NJ TRANSIT with formal written notification of project acceptance. This task does not include a review of the inspections related to the NJ TRANSIT in-house design of the platforms, canopies and station/crew quarters structure. However, the Consultant shall remain apprised of these the punch list, reviews and responses for items.~~

Task 6.6 — As-Built Drawings

~~Upon the completion of construction, the Consultant will be required to modify the original contract drawings to reflect "as-built" conditions. The construction management forces and/or the contractor will furnish the "as-built" information to be verified and incorporated. Three (3) mylar sets and one (1) set on disc or CD ROM of "As-Built" Contract Drawings will be required prior to any payment of the Consultant under this task item. This task does include the preparation of as-built drawings related to the NJ TRANSIT in-house design of the platforms, canopies and station/crew quarters structure in order to provide a conformed set of plans.~~

Task 6.7 — Design Support — As Directed

~~The Consultant shall provide design support services as directed to facilitate the construction or to achieve cost savings.~~

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

SCOPE OF SERVICES - DETAILED DESCRIPTION OF TASKS

~~The Consultant shall include in its proposal an allowance of 1,000 hours to be used at the sole discretion of NJ TRANSIT. The Consultant shall not charge any time against this task, unless explicitly authorized to do so by NJ TRANSIT.~~

C. GENERAL PLAN AND SPECIFICATION REQUIREMENTS

The Consultant shall provide all necessary architectural and engineering services required to prepare all surveys, contract plans, technical specifications, and a detailed cost estimate and bid documents for all sections of the proposed work. The construction plans shall be laid out on a 24" x 36 sheet with standard NJ TRANSIT title box and shall consist of: Key Map, Location Map, Estimate of Quantities, Distribution of Quantities sheet, Site Plan, Elevations, Sections, Typical Sections Standard Details, etc. Certain copies of design development drawings may be half-size. Specifications and supplemental specifications shall conform to CSI format or other acceptable format as pre-approved by NJ TRANSIT. Use of graphics shall conform to the NJ TRANSIT Sign Standards Manual. All contract documents must be made with a computer-assisted drafting program so long as the elements specified above are included. Microstation (Release No. V8) or AutoCAD Release 11 shall be used and two sets of disks containing final design shall be submitted to NJ TRANSIT using media and formats acceptable to NJ TRANSIT. In addition to the hard copy submissions, the Consultant shall also provide electronic files of all documentations submitted in each phase in the following format:

- Reports and specification files should be on MS Word application.
- Design Drawings (Preliminary, 30%, 60%, 100% and the final bid plans should be on Microstation or AutoCAD)
- The final bid package including, but not limited to, the signed and sealed plans, design calculations and specifications should be on PDF files.

D. PERMIT REQUIREMENTS

It shall be the responsibility of the Consultant to identify, pursue and secure all permits related to the project, specifically its design, construction and initial operation. This is to include, but not necessarily be limited to, all applicable local, State and Federal requirements regarding environmental issues, building codes, construction, etc. This task does not include NJDCA plan review and release related to the NJ TRANSIT in-house design of the platforms, canopies and station/crew quarters structure although the Contractor shall remain apprised of these activities.

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

SCOPE OF SERVICES - DETAILED DESCRIPTION OF TASKS

E. OWNERSHIP OF WORK

All work products produced by the Consultant in accordance with this contract shall become the sole property of NJ TRANSIT. Work products include, but are not limited to: field notes, records, reports, computations, calculations, work sheets, sketches, drawings, specifications, cost estimates, laboratory data, test results, correspondence, computer records and all other products resulting from the Consultant work performed under this contract.

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

ATTACHMENT A - DESIGN SCHEDULE

Task 1 Project Management	Duration of Project
Task 2 Risk Management	Duration of Project
Task 3 SSMP	Duration of Project
Phase 2 Preliminary 30% Design -	Six (6) Months Duration

The following Tasks are to be completed after NEPA approval:

Phase 2 60% Design Documents –	Seven (7) Months Duration
Phase 2 90% Design Documents –	Five (5) Months Duration
Phase 2 100 % Design Documents –	One (1) Month Duration
Phase 2 Construction Bid Package –	One (1) Month Duration

The durations are for Consultant's design only and do not include NJ TRANSIT and other party QC review time for each Task.

**NJ TRANSIT CONTRACT NO. 16-006
LONG SLIP FILL AND ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING
& CONSTRUCTION ASSISTANCE SERVICES**

**ATTACHMENT B
SAMPLE MONTHLY REPORT**

EXECUTIVE SUMMARY

- 1.0 Activities Started/Ongoing
- 1.1 Activities Completed
- 1.2 Activity Completions Projected for Next Month
- 1.3 Problem Areas/Delays
- 1.4 Budget Summary

	Authorized Phase I Budget	Authorized Phase II Budget	Authorized Phase III Budget
Original Contract Amount			
Executed Change Orders			
Revised Contract Amount			
Pending Change Orders			
Total			
Amount Previously Invoiced			
Amount This Invoice			
Total Invoiced to Date			
% of Budgeted Amount			
% of Work Complete			
Estimated Cost to Complete			
Project Expenditures Next Month			

- 2.0 Critical Issues
- 3.0 Schedule of Key deliverables
- 4.0 Schedule Summary
- 5.0 DBE Report
- 6.0 Invoices
- 7.0 Decisions Log

**NJ TRANSIT AGREEMENT NO. 16-006
LONG SLIP FILL AND RAIL ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING & CONSTRUCTION
ASSISTANCE SERVICES**

EXHIBIT B – COST INFORMATION

AECOM

Revised Cost Proposal

RFP No. 16-006

Submitted to NJ TRANSIT

Submitted by AECOM USA, Inc.

Rail, Track and Station Engineering & Construction Assistance Services for the **Long Slip Fill and Rail Enhancement Project**





AECOM
One Penn Plaza, Suite 600
New York, NY 10119
www.aecom.com

212 736 4444 tel
212 629 4249 fax

January 31, 2017

NJ TRANSIT Corporation
Procurement Department, 6th Floor
One Penn Plaza East
Newark, New Jersey 07105-2246
Attn: Taishida S. Chapman - Principal Contracts Specialist

Re: **Revised Cost Proposal**
RFP No. 16-006 – Rail, Track and Station Engineering and Construction Assistance Services for the Long Slip Fill and Rail Enhancement Project - Revised Scope of Work

Dear Ms. Chapman:

Enclosed please find our revised Cost Proposal for Design and Engineering Services associated with the Long Slip Fill and Rail Enhancement Project.

Our cost proposal, initially submitted on August 19, 2016, has been revised to incorporate responses associated with the following reference documents:

1. NJ TRANSIT comments and direction provided at our negotiation meeting of September 29, 2016
2. NJ TRANSIT comments included in an email dated November 10, 2016 from Taishida Chapman (NJT) to Julie D'Orazio (AECOM) and clarifications provided at a meeting on November 29, 2016
3. Request for Proposal No. 16-006, Revised Scope of Work No. 3 dated December 23, 2016

Based on your direction (Ref. 1, 3), we have deleted Construction Support Services (Task 6) from our proposal. It is our understanding that a separate cost proposal will be solicited following the completion of Phase 2 engineering services followed by a separate negotiation and Board approval. Accordingly, our revised proposal is based on an overall duration of 24 months. This comprises 16 months of engineering and design through bid package preparation and 8 months of procurement support services only.

We have also incorporated modifications reflecting current and audited overhead rate for our team member JCMS, Inc.

AECOM's revised Cost Proposal for Task 1 through Task 5 is now valued at \$8,424,519.80 representing 50,586 Work hours for AECOM and its subcontractors. AECOM's revised Proposal encompasses DBE participation forecasted at 23.1 %, exceeding the RFP requirement.

The following Attachment summarizes our responses to the scope modifications or clarifications requested in the reference documents for Tasks 1 through 5.

AECOM looks forward to NJ Transit review and acceptance of this revised Cost Proposal and is prepared to discuss any questions or clarifications.

Sincerely,

AECOM

Julie D'Orazio, PE
Senior Vice President, Officer-in-Charge

DRAFT RESPONSE TO LONG SLIP RFP REVISED SCOPE OF WORK

Attachment

Task 1 – Project Management

Task 1 proposed hours shown in the attached cost proposal were revised in accordance with the revised Task 1, subtasks 1.01 to 1.06, per reference 3.

The work hours were reviewed and adjusted since the original proposal submission to be in line with the current scope and durations discussed with NJT. That is 16 months thru the Design effort and bid package prep. Overall, the total hours for Task 1 are now at 8,672 hours versus 7,976 hours in the original submission a delta of 8%.The basis of the hours are discussed below.

Throughout Task 1, PM hours have been forecasted to provide the required level of management input and control to the generation of initial documents and the proactive oversight and direction of monthly technical progress and financial forecasts.

DBE Subcontractor hours of 1680 hours for JCMS and 3200 hours for InGroup represent the majority of the TASK 1 hours.

Subtask 1.01. Project Management Plan - AECOM personnel have been budgeted for, as indicated in the Cost proposal backup.

Subtask 1.02. Project Controls was evaluated in accordance with the scope elements and respective deliverables required for Payment procedures, Project Schedule control and reporting and Progress reporting per Request for Cost proposal ,reference 3, AECOM staff has been forecasted to generate and manage the monthly progress reports and the related invoicing documents as part of subtask 1.02.As part of the Project Control subtask 1.02, JCMS personnel under AECOM guidance, will generate the Baseline project cost control and schedule documents . This effort includes the draft baseline schedule, NJT review and final baseline issue for the project. This activity for JCMS is budgeted at 400 hours. Then for the monthly project control update and status report generation, 80 hours per month for 16 months is allocated.

Subtask 1.03. Records Management Control is to be performed by InGroup, as previously submitted .Per the revised scope description, one dedicated staff person is budgeted at 160 hours/month for the 16 months of the Design/Bid prep period. Then for the NJT forecasted procurement period of 8 months, one staff person at half time has been budgeted.

Subtask 1.04. Quality management is staffed to provide the key QM functions as required by the revised RFP. This includes the generation of the project PQMP as a draft and Final issue. Quality Management provides for monthly review and signoff of design progress. Overall approach is to insure consistent control, enforcement and application of Quality practices by AECOM and its team members including periodic internal and NJT audits throughout the project duration.

Subtask 1.05. Design Control includes the development of the Design Control Plan consistent with the Quality Plan and the generation of monthly status of Design documents and deliverables .The status of AECOM and its subcontract team members efforts will be tracked thru a Contract Document log. Design status is integrated into the Project Schedule and its updates and reflected in the monthly Progress reporting output.

DRAFT RESPONSE TO LONG SLIP RFP REVISED SCOPE OF WORK

Sub task 1.06. Meetings scope has been evaluated on the basis of a high degree of coordination and transparency with NJ Transit management, NJT rail operations, the FTA, as well as a number of third part entities such as PATH, Utilities, City agencies, etc. The budget has been developed to cover the PM attendance at the average rate of four meetings/month (2 project/2 external 3rd party) plus an additional six kickoff/quarterly review type meetings. An allocation for essential staff time for anticipated meeting attendance/support is included.

Task 2 – Risk Management

AECOM has reviewed the modified scope and deliverables for Task 2 Risk Management and recognizes the need for aligning the risk management task with the NJT Resilience Program (NJTRP) PMP and NJTRP Risk Management Plan. The overall Risk Management Task elements and actions have been reviewed particularly the need to continually monitor risks and develop appropriate action plans in response in new developments.

As was initially proposed, AECOM sub JCMS, is providing the staff hours to execute this Task and their proposed hours have been maintained. However, we have evaluated the need to provide 128 technical personnel hours to integrate the design unction with the risk discussion. There is a minor 20 hour increase to the PM allotment.

Task 3 – System Safety Management

In accordance with the requirement of the RFP, AECOM has reviewed its budget for the System Safety effort. The forecast hours in the revised Cost proposal are to address the generation of a draft and Final SSMP. The basis of the hours is 160 hours for preparation of a SSMP draft. A budget of 80 hours is allocated to review NJ Transit and State Safety Oversight comments and generate a Final SSMP by our System Safety specialist. Time is allotted for 20 hours PM support and 40 hours clerical support. In view of the critical importance of the Project SSMP this is a warranted adjustment from the original proposed budget.

Task 4.1 – Concept Review and Pedestal Pit

The AECOM Team has re-evaluated the scope of work associated with the conceptual design of the pedestal pit (Subtask 4.1b) and modified the cost proposal to reflect the range of interdisciplinary technical issues that will require consideration. It is also understood that this effort will require frequent coordination with future users of this facility.

Task 4.1c – Head End – Wayside Power

The AECOM Team has modified the cost proposal to add the new scope of work defined in Reference 3. The revised proposal includes preparation of a concept plan, feasibility report, load estimate and preliminary cost estimate to provide wayside power to six (6) wayside power panels equally spaced along the proposed tracks adjacent to the platform areas. A similar plan and estimate will be performed considering nine (9) power panels for greater access. It is assumed that the appropriate Henderson Street Substation electrical drawings, load data and associated documentation will be provided to support determination of available power and performance of the load analysis.

DRAFT RESPONSE TO LONG SLIP RFP REVISED SCOPE OF WORK

Preliminary design is not forecasted in Task 4. It is assumed that Preliminary design if authorized is meant to be covered by the increase in Task 4.16, As Directed Preliminary Design. Likewise Task 5 elements have not been allocated any time for Wayside Power Design Scope.

Task 4.3 – Update Design Criteria

The AECOM Team has re-evaluated the scope of work associated with an update of the project design criteria. In consideration of the fact that a portion of the project scope will be designed by NJ TRANSIT and a greater effort will be required to address and coordinate project design criteria, a nominal adjustment of the cost proposal has been included.

Task 4.4 – Track Design

The AECOM Team has modified the cost proposal to include the following changes to the track scope of work noted in References 2 and 3:

- Remove/convert the existing double slip switch (105AB) to a simple turnout and delete the segment of track to the east between Track No. 122 and No. 6 Main
- Add a new #15 turnout on Track No. 119 and connect to Track No. 4 Main with a simple curve
- Replace existing Turnout No. 41 with a simple curve
- Modify the existing profile of Track No. 4 Main in the vicinity of the Grove St. Bridge to facilitate installation of the new double slip switch for the Long Slip lead tracks
- Relocate the existing #10 crossover (11A/11B) between Track No. 119 and No. 4 Main from its current location west of Hoboken Ave. to a new location east of Hoboken Ave. and west of the proposed Long Slip lead tracks. The reconstructed/relocated crossover would utilize a pair of #15 turnouts.

It should be noted that the modifications to the cost proposal in Task 4.4 (30% design) and in the subsequent Task 5 project milestones (60%, 90%, 100% design) includes only track design and engineering associated with the proposed alignment modifications and the addition of new special trackwork but does not include modifications to existing yard structures, catenary, signals or other related infrastructure.

Task 4.5 – Civil Design

The AECOM Team has modified the cost proposal to clarify the civil design scope of work based on References 2 and 3. It is our understanding that NJ TRANSIT will design the Crew Quarters Building. Based on that design, the AECOM Team will provide grading and drainage design and details to integrate that facility with adjacent site features to the east up to the existing HBLR Bridge. The AECOM Team will also design and detail the passenger and maintenance access from an interface point at the face of the Crew Quarters Building to the existing pavement northeast of the site. The modified cost proposal includes an allowance for coordination of the interfaces between the AECOM and NJ TRANSIT Teams.

Task 4.6 – Bridges and Structures

The AECOM Team has modified the cost proposal to clarify the structural design scope and incorporate the additional scope of work based on Reference 3. The additional scope in this Task includes the preliminary design of an emergency egress element at the western end of each passenger platform and

DRAFT RESPONSE TO LONG SLIP RFP REVISED SCOPE OF WORK

the preliminary design of a connecting tunnel beneath the Long Slip tracks to permit evacuation to the north and south from the platform area. The design includes an egress analysis based on the conceptual study done as part of Phase 1 as well as preliminary architectural finishing plans for access from the tunnels to a walkway beneath the elevated HBLR viaduct to 18th St. The design will also address tunnel lighting and drainage considerations. In addition, the revised proposal includes an allowance for coordination of the interfaces between the AECOM and NJ TRANSIT scope of work in the vicinity of the station platform egress elements.

Note: Egress Tunnel Design scope at west end of Platforms

AECOM has requested its DBE subcontractor SSA, to do an initial review of the entire scope and design cost for the Platform Egress Tunnel element .SSA's estimate for preliminary design is incorporated into this Task 4.6 estimate in the revised cost proposal.

However budget estimates for the design Tasks, Task 5.1 60%, Task 5.2 90% and Task 5.3 100% have not been included in AECOM's revised cost submittal. At this time, the concepts and feasibility study have not progressed to warrant firm scoping or design estimates. NJT did not include design scope, beyond preliminary design, in the revised Cost Proposal request.

Task 4.8 – Signal Systems

Signal System design for the new facility and modifications required in the existing facility due to track changes remain the responsibility of NJT.AECOM recognizes the need for coordination of the NJT Signal system with its scope of design and the budget hours for this task have been increased.

Task 4.10 – Supplemental Survey

The AECOM Team has evaluated the cost proposal to clarify the supplemental survey scope of work to be performed by its sub NAIK, based on the original proposal and has incorporated additional survey scope to support the design modifications requested by the reference documents within the existing budget.

Task 4.14 – Optional Pedestal Pit

The AECOM Team has re-evaluated the scope of work associated with the preliminary design of the pedestal pit and modified the cost proposal to reflect the complexity of the technical issues that will require consideration as discussed under Subtask 4.1b. Should this option be selected by NJ TRANSIT, it is understood that there will be significant coordination with internal NJT stakeholders as well as the NJT design unit developing the station platform designs.

Task 4.16 – As-Directed

In accordance with the requirements of Reference 3, the AECOM cost proposal has been revised to include an allowance of 2000 hours for as-directed work to be used at the sole discretion of NJ TRANSIT.

Task 5.1 – Design Development (60% Documents)

The AECOM Team has modified the cost proposal for this task to include advancing the additional and modified scope of work included under the Task 4 items to 60% completion.

DRAFT RESPONSE TO LONG SLIP RFP REVISED SCOPE OF WORK

Task 5.1.1 - Optional Pedestal Pit (60% Documents)

The AECOM Team has modified the cost proposal for this task to include advancing the modified scope of work included under the Task 4.1b to 60% completion.

Task 5.2– Final Design (90% Documents)

The AECOM Team has modified the cost proposal for this task to include advancing the additional and modified scope of work included under the Task 4 items to 90% completion.

Task 5.2.1- Optional Pedestal Pit (90% Documents)

The AECOM Team has modified the cost proposal for this task to include advancing the modified scope of work included under the Task 4.1b to 90% completion.

Task 5.3 – Final Design (100% Documents)

The AECOM Team has modified the cost proposal for this task to include advancing the additional and modified scope of work included under the Task 4 items to 100% completion.

Task 5.3.1 - Optional Pedestal Pit (100% Documents)

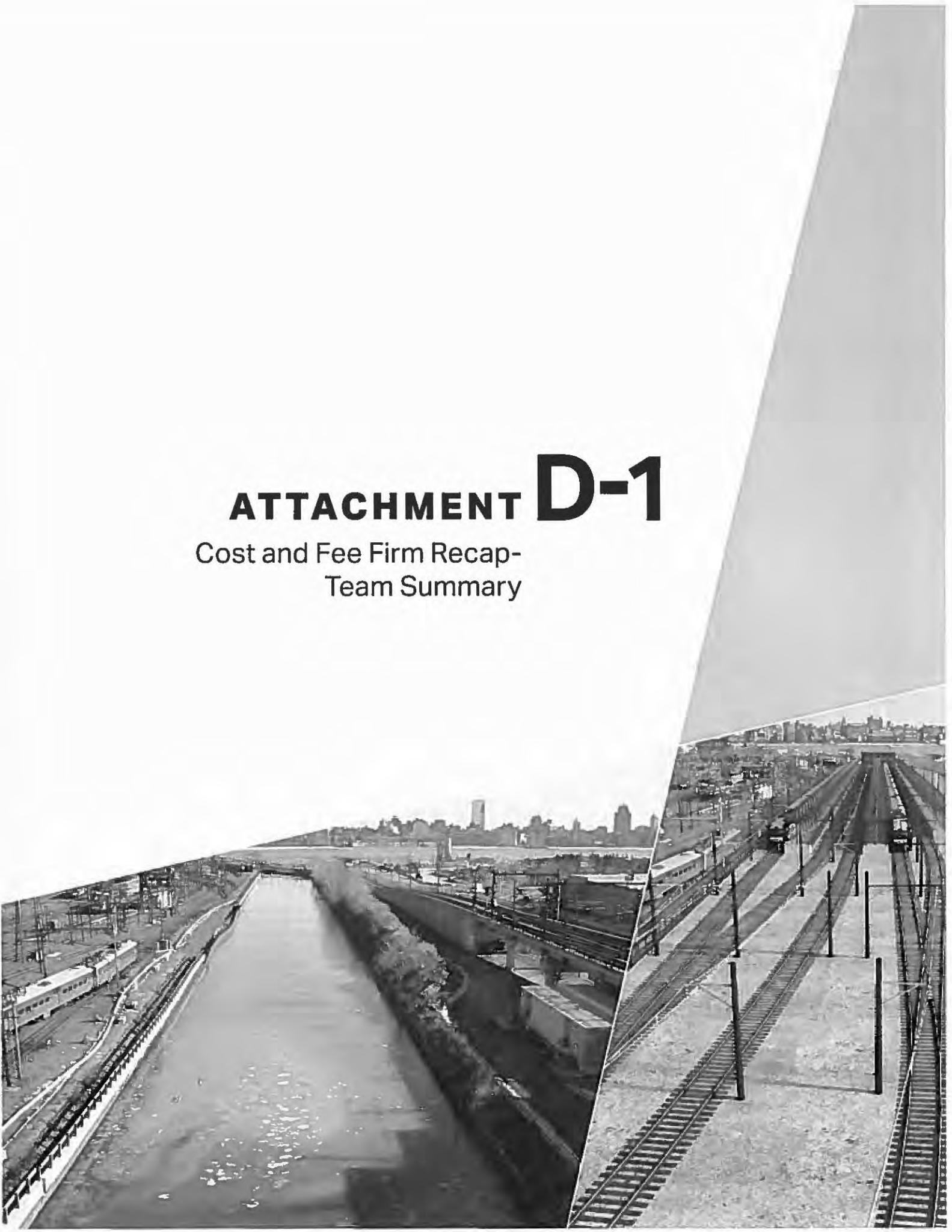
The AECOM Team has modified the cost proposal for this task to include advancing the modified scope of work included under the Task 4.1b to 100% completion.

Task 5.7

The AECOM Team has modified the cost proposal for this task to reflect the project complexity that will require extensive coordination with project stakeholders and multiple design teams to define contract provisions, prepare and assemble comprehensive bid documents and provide a range of preconstruction support services during the procurement support period. These services will include preparation of responses to prospective bidder requests for information, preparation of bid addenda, development of conformed contract drawings and specifications and coordination of technical issues associated with adjacent construction project interfaces.

ATTACHMENT D-1

Cost and Fee Firm Recap-
Team Summary



NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

COST AND FEE RECAP

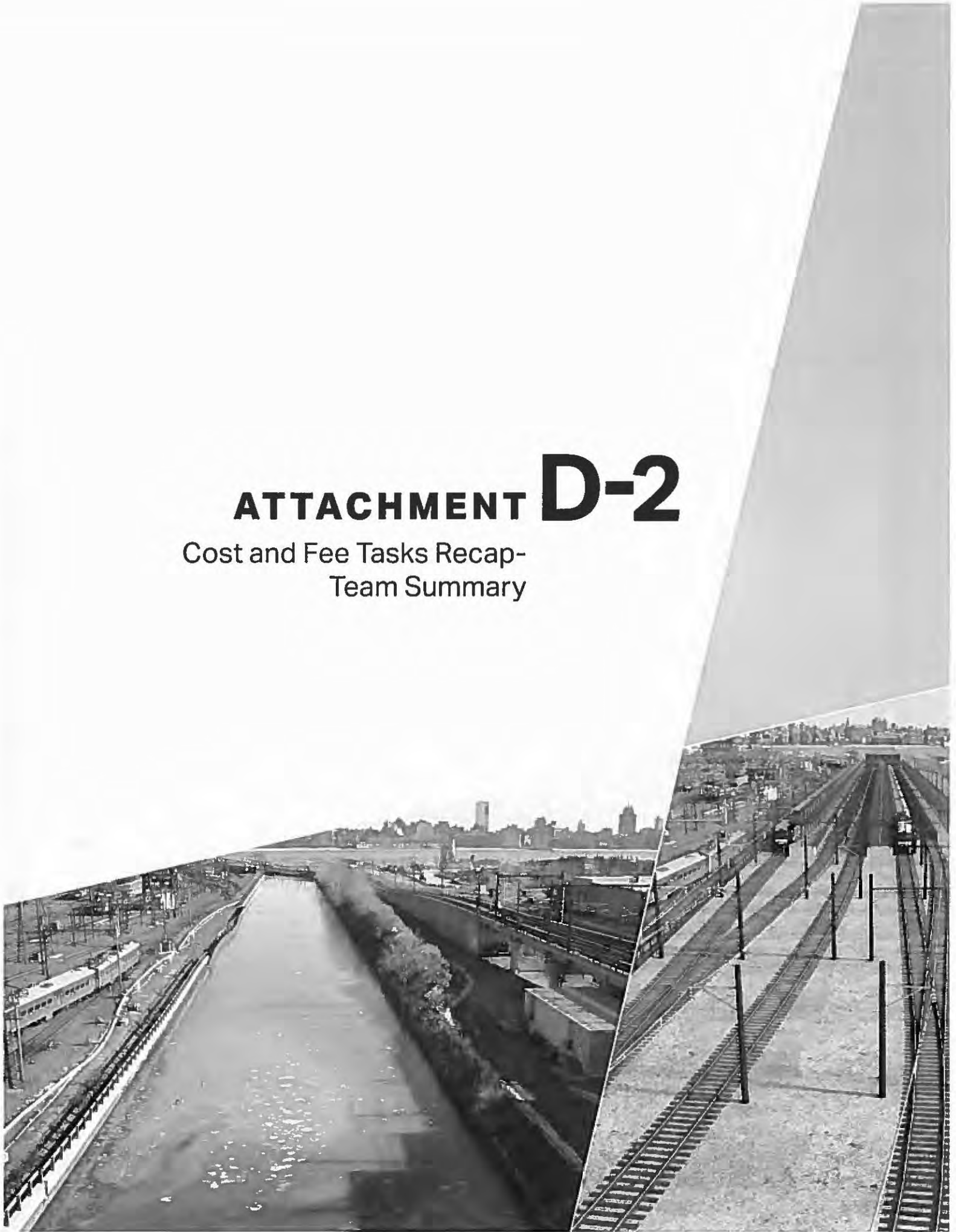
FIRM: **AECOM**

(Prime Consultant Name)

	DESCRIPTION	PERSON HOURS	SALARY	OVERHEAD	SUBTOTAL	FIXED FEE @ 10%	DIRECT EXPENSES	TOTAL COST
Firm 1	AECOM	28,160	\$ 1,890,006.74	\$ 2,629,755.38	\$ 4,519,762.12	\$ 451,976.21	\$ 38,200.00	\$ 5,009,938.33
Firm 2								
Firm 3								
Firm 4	InGroup	3,200	\$ 124,242.50	\$ 225,375.89	\$ 349,618.38	\$ 34,961.84	\$ 1,000.00	\$ 385,580.22
Firm 5								
Firm 6								
Firm 7								
Firm 8	Naik Consultants, Inc.	2,124	\$ 109,957.40	\$ 145,451.65	\$ 255,409.05	\$ 25,540.90	\$ 2,600.00	\$ 283,549.95
Firm 9	Jois Construction Management System, Inc. (JCMS)	5,330	\$ 311,022.84	\$ 365,576.25	\$ 676,599.09	\$ 67,659.91	\$ 5,214.37	\$ 749,473.36
Firm 10	Yu & Associates, Inc. (Yu)	1,168	\$ 57,489.63	\$ 96,582.58	\$ 154,072.21	\$ 15,407.22	\$ 90,242.00	\$ 259,721.43
Firm 11	Jacobs	8,840	\$ 622,012.03	\$ 688,007.51	\$ 1,310,019.54	\$ 131,001.95	\$ 27,000.00	\$ 1,468,021.50
Firm 12	SSA	784	\$ 40,624.03	\$ 53,623.73	\$ 94,247.76	\$ 9,424.78	\$ 2,300.00	\$ 105,972.54
Firm 13	VJA	980	\$ 68,424.40	\$ 77,086.93	\$ 145,511.33	\$ 14,551.13	\$ 2,200.00	\$ 162,262.46
TOTALS		50,586	\$ 3,223,779.58	\$ 4,281,459.91	\$ 7,505,239.48	\$ 750,523.95	\$ 168,756.37	\$ 8,424,519.80

ATTACHMENT D-2

Cost and Fee Tasks Recap-
Team Summary



**NJ TRANSIT Resilience Program
Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering**

COST AND FEE RECAP BY FIRM/TASK

FIRM: **AECOM**

Phase	No.	Task	PERSON HOURS	SALARY	OVERHEAD @ 139.14%	SUBTOTAL	FIXED FEE @ 10%	DIRECT EXPENSES	TOTAL COST
Project Requirements									
	Task 1.01	Project Management Plan	168	\$ 15,915.20	\$ 22,144.41	\$ 38,059.61	\$ 3,805.96	\$ 1,200.00	\$ 43,065.57
	Task 1.02	Project Control	1,654	\$ 144,617.20	\$ 201,220.37	\$ 345,837.57	\$ 34,583.76	\$ 2,000.00	\$ 382,421.33
	Task 1.03	Records Management Control System	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 1.04	Quality Management	668	\$ 59,211.04	\$ 82,386.24	\$ 141,597.28	\$ 14,159.73	\$ 800.00	\$ 156,557.01
	Task 1.05	Design Control	456	\$ 36,458.80	\$ 50,728.77	\$ 87,187.57	\$ 8,718.76	\$ 800.00	\$ 96,706.33
	Task 1.06	Project Meetings	846	\$ 76,246.80	\$ 106,089.80	\$ 182,336.60	\$ 18,233.66	\$ 6,000.00	\$ 206,570.26
	Task 2	Risk Management	268	\$ 26,958.40	\$ 37,509.92	\$ 64,468.32	\$ 6,446.83	\$ 3,000.00	\$ 73,915.15
	Task 3	System Safety Management Plan (SSMP)	300	\$ 27,851.60	\$ 38,752.72	\$ 66,604.32	\$ 6,660.43	\$ 500.00	\$ 73,764.75
Phase IA: Conceptual Design									
	Task 4.1	Design Review / Pedestal Pit / Wayside Power	452	\$ 34,560.00	\$ 48,086.78	\$ 82,646.78	\$ 8,264.68	\$ 1,000.00	\$ 91,911.46
Phase IB: Preliminary Design									
	Task 4.2	Preliminary Design	200	\$ 14,208.00	\$ 19,769.01	\$ 33,977.01	\$ 3,397.70	\$ 400.00	\$ 37,774.71
	Task 4.3	Update Design Criteria	72	\$ 4,408.00	\$ 6,133.29	\$ 10,541.29	\$ 1,054.13	\$ 200.00	\$ 11,795.42
	Task 4.4	Track Design	1,161	\$ 72,316.00	\$ 100,620.48	\$ 172,936.48	\$ 17,293.65	\$ 1,000.00	\$ 191,230.13
	Task 4.5	Civil Design	1,160	\$ 72,088.00	\$ 100,303.24	\$ 172,391.24	\$ 17,239.12	\$ 500.00	\$ 190,130.37
	Task 4.6	Bridges, Building & Structures	1,700	\$ 94,916.00	\$ 132,066.12	\$ 226,982.12	\$ 22,698.21	\$ 500.00	\$ 250,180.33
	Task 4.7	Traction Power/Electrical Design	1,596	\$ 101,360.00	\$ 141,032.30	\$ 242,392.30	\$ 24,239.23	\$ 800.00	\$ 267,431.53
	Task 4.8	Signal Systems	184	\$ 18,400.00	\$ 25,601.76	\$ 44,001.76	\$ 4,400.18	\$ -	\$ 48,401.94
	Task 4.9	Cost and Schedule	40	\$ 4,480.00	\$ 6,233.47	\$ 10,713.47	\$ 1,071.35	\$ -	\$ 11,784.82
	Task 4.10	Supplemental Survey	184	\$ 12,256.00	\$ 17,053.00	\$ 29,309.00	\$ 2,930.90	\$ 500.00	\$ 32,739.90
	Task 4.11	Utility Relocation Preliminary Estimates	356	\$ 25,136.00	\$ 34,974.23	\$ 60,110.23	\$ 6,011.02	\$ 500.00	\$ 66,621.25
	Task 4.12	Geotechnical Investigations	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 4.13	Environmental	240	\$ 15,856.00	\$ 22,062.04	\$ 37,918.04	\$ 3,791.80	\$ 1,200.00	\$ 42,909.84
	Task 4.14	Optional Pedestal Pit	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 4.15	Value Engineering	152	\$ 14,432.00	\$ 20,080.68	\$ 34,512.68	\$ 3,451.27	\$ 3,000.00	\$ 40,963.95
	Task 4.16	As-Directed Preliminary Design	2,000	\$ 116,268.00	\$ 161,775.30	\$ 278,043.30	\$ 27,804.33	\$ 400.00	\$ 306,247.62
Phase II: Preparation of Final Plans, Specifications, and Estimates									
	Task 5.1	Design Development (60% Design)	5,487	\$ 350,642.90	\$ 487,884.53	\$ 838,527.43	\$ 83,852.74	\$ 2,500.00	\$ 924,880.17
	Task 5.1.1	Optional Pedestal Pit (60%)							
	Task 5.2	Final Design (90% Complete Documents)	4,316	\$ 255,975.60	\$ 356,164.45	\$ 612,140.05	\$ 61,214.00	\$ 2,000.00	\$ 675,354.05
	Task 5.2.1	Optional Pedestal Pit (90%)							
	Task 5.3	Final Design (100% Complete Documents)	1,920	\$ 120,180.40	\$ 167,219.01	\$ 287,399.41	\$ 28,739.94	\$ 2,200.00	\$ 318,339.35
	Task 5.3.1	Optional Pedestal Pit (100%)							
	Task 5.4	Peer Review	400	\$ 32,251.36	\$ 44,874.54	\$ 77,125.90	\$ 7,712.59	\$ 2,400.00	\$ 87,238.49
	Task 5.5	Interagency Coordination - Final Design	500	\$ 34,443.20	\$ 47,924.27	\$ 82,367.47	\$ 8,236.75	\$ 1,200.00	\$ 91,804.22
	Task 5.6	As-Directed Final Design	1,000	\$ 64,519.20	\$ 89,772.01	\$ 154,291.21	\$ 15,429.12	\$ 800.00	\$ 170,520.34
	Task 5.7	Construction Bid Package	680	\$ 44,051.04	\$ 61,292.62	\$ 105,343.66	\$ 10,534.37	\$ 2,800.00	\$ 118,678.02
Phase III: Construction Support Services (NOT IN SCOPE)									
	Task 6.1	Response to Questions	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 6.2	Change Order Preparation/Evaluation	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 6.3	Shop Drawing Review and Material Approvals	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 6.4	Punchlist Inspection/Development & Cert of Subst. Completion	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 6.5	Final Inspection/Project Inspection	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 6.6	As-Built Drawings	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 6.7	Design Support - As Directed	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grand Total			28160	\$ 1,890,006.74	\$ 2,629,755.38	\$ 4,519,762.12	\$ 451,976.21	\$ 38,200.00	\$ 5,009,938.33

NJ TRANSIT Resilience Program
Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

COST AND FEE RECAP BY FIRM/TASK

FIRM: [nGroup, Inc. (ING)]

Phase	No.	Task	PERSON HOURS	SALARY	OVERHEAD @ 181.40%	SUBTOTAL	FIXED FEE @ 10%	DIRECT EXPENSES	TOTAL COST
Project Requirements									
	Task 1.01	Project Management Plan	0	\$ -	\$ -	\$ -	\$ -		\$ -
	Task 1.02	Project Control	0	\$ -	\$ -	\$ -	\$ -		\$ -
	Task 1.03	Records Management Control System	3,200	\$ 124,242.50	\$ 225,375.89	\$ 349,618.38	\$ 34,961.84	\$ 1,000.00	\$ 385,580.22
	Task 1.04	Quality Management	0	\$ -	\$ -	\$ -	\$ -		\$ -
	Task 1.05	Design Control	0	\$ -	\$ -	\$ -	\$ -		\$ -
	Task 1.06	Project Meetings	0	\$ -	\$ -	\$ -	\$ -		\$ -
	Task 2	Risk Management	0	\$ -	\$ -	\$ -	\$ -		\$ -
	Task 3	System Safety Management Plan (SSMP)	0	\$ -	\$ -	\$ -	\$ -		\$ -
Phase IA: Conceptual Design									
	Task 4.1	Design Review / Pedestal Pit / Wayside Power	0	\$ -	\$ -	\$ -	\$ -		\$ -
Phase IB: Preliminary Design									
	Task 4.2	Preliminary Design	0	\$ -	\$ -	\$ -	\$ -		\$ -
	Task 4.3	Update Design Criteria	0	\$ -	\$ -	\$ -	\$ -		\$ -
	Task 4.4	Track Design	0	\$ -	\$ -	\$ -	\$ -		\$ -
	Task 4.5	Civil Design	0	\$ -	\$ -	\$ -	\$ -		\$ -
	Task 4.6	Bridges, Building & Structures	0	\$ -	\$ -	\$ -	\$ -		\$ -
	Task 4.7	Traction Power/Electrical Design	0	\$ -	\$ -	\$ -	\$ -		\$ -
	Task 4.8	Signal System Design	0	\$ -	\$ -	\$ -	\$ -		\$ -
	Task 4.9	Cost and Schedule	0	\$ -	\$ -	\$ -	\$ -		\$ -
	Task 4.10	Supplemental Survey	0	\$ -	\$ -	\$ -	\$ -		\$ -
	Task 4.11	Utility Relocation Preliminary Estimates	0	\$ -	\$ -	\$ -	\$ -		\$ -
	Task 4.12	Geotechnical Investigations	0	\$ -	\$ -	\$ -	\$ -		\$ -
	Task 4.13	Environmental	0	\$ -	\$ -	\$ -	\$ -		\$ -
	Task 4.14	Optional Pedestal Pit	0	\$ -	\$ -	\$ -	\$ -		\$ -
	Task 4.15	Value Engineering	0	\$ -	\$ -	\$ -	\$ -		\$ -
	Task 4.16	As-Directed Preliminary Design	0	\$ -	\$ -	\$ -	\$ -		\$ -
Phase II: Preparation of Final Plans, Specifications, and Estimates									
	Task 5.1	Design Development (60% Design)	0	\$ -	\$ -	\$ -	\$ -		\$ -
	Task 5.1.1	Optional Pedestal Pit (60%)	0	\$ -	\$ -	\$ -	\$ -		\$ -
	Task 5.2	Final Design (90% Complete Documents)	0	\$ -	\$ -	\$ -	\$ -		\$ -
	Task 5.2.1	Optional Pedestal Pit (90%)	0	\$ -	\$ -	\$ -	\$ -		\$ -
	Task 5.3	Final Design (100% Complete Documents)	0	\$ -	\$ -	\$ -	\$ -		\$ -
	Task 5.3.1	Optional Pedestal Pit (100%)	0	\$ -	\$ -	\$ -	\$ -		\$ -
	Task 5.4	Peer Review	0	\$ -	\$ -	\$ -	\$ -		\$ -
	Task 5.5	Interagency Coordination - Final Design	0	\$ -	\$ -	\$ -	\$ -		\$ -
	Task 5.6	As-Directed Final Design	0	\$ -	\$ -	\$ -	\$ -		\$ -
	Task 5.7	Construction Bid Package	0	\$ -	\$ -	\$ -	\$ -		\$ -
Phase III: Construction Support Services (NOT IN SCOPE)									
	Task 6.1	Response to Questions	0	\$ -	\$ -	\$ -	\$ -		\$ -
	Task 6.2	Change Order Preparation/Evaluation	0	\$ -	\$ -	\$ -	\$ -		\$ -
	Task 6.3	Shop Drawing Review and Material Approvals	0	\$ -	\$ -	\$ -	\$ -		\$ -
	Task 6.4	Punchlist Inspection/Development & Cert of Subst. Completion	0	\$ -	\$ -	\$ -	\$ -		\$ -
	Task 6.5	Final Inspection/Project Inspection	0	\$ -	\$ -	\$ -	\$ -		\$ -
	Task 6.6	As-Built Drawings	0	\$ -	\$ -	\$ -	\$ -		\$ -
	Task 6.7	Design Support - As Directed	0	\$ -	\$ -	\$ -	\$ -		\$ -
Grand Total			3200	\$ 124,242.50	\$ 225,375.89	\$ 349,618.38	\$ 34,961.84	\$ 1,000.00	\$ 385,580.22

NJ TRANSIT Resilience Program
Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

COST AND FEE RECAP BY FIRM/TASK

FIRM: Nalk

Phase	No.	Task	PERSON HOURS	SALARY	OVERHEAD @ 132.28%	SUBTOTAL	FIXED FEE @ 10%	DIRECT EXPENSES	TOTAL COST
Project Requirements									
	Task 1.01	Project Management Plan							\$ -
	Task 1.02	Project Control							\$ -
	Task 1.03	Records Management Control System							\$ -
	Task 1.04	Quality Management							\$ -
	Task 1.05	Design Control							\$ -
	Task 1.06	Project Meetings							\$ -
	Task 2	Risk Management							\$ -
	Task 3	System Safety Management Plan (SSMP)							\$ -
Phase IA: Conceptual Design									
	Task 4.1	Design Review / Pedestal Pit / Wayside Power							\$ -
Phase IB: Preliminary Design									
	Task 4.2	Preliminary Design							\$ -
	Task 4.3	Update Design Criteria							\$ -
	Task 4.4	Track Design							\$ -
	Task 4.5	Civil Design							\$ -
	Task 4.6	Bridges, Building & Structures							\$ -
	Task 4.7	Traction Power/Electrical Design							\$ -
	Task 4.8	Signal System Design							\$ -
	Task 4.9	Cost and Schedule							\$ -
	Task 4.10	Supplemental Survey	1,224	\$ 71,579.60	\$ 94,685.49	\$ 166,265.09	\$ 16,626.51	\$ 1,600.00	\$ 184,491.60
	Task 4.11	Utility Relocation Preliminary Estimates							\$ -
	Task 4.12	Geotechnical Investigations							\$ -
	Task 4.13	Environmental							\$ -
	Task 4.14	Optional Pedestal Pit							\$ -
	Task 4.15	Value Engineering							\$ -
	Task 4.16	As-Directed Preliminary Design							\$ -
Phase II: Preparation of Final Plans, Specifications, and Estimates									
	Task 5.1	Design Development (60% Design)	900	\$ 38,377.80	\$ 50,766.15	\$ 89,143.95	\$ 8,914.40	\$ 1,000.00	\$ 99,058.35
	Task 5.1.1	Optional Pedestal Pit (60%)							\$ -
	Task 5.2	Final Design (90% Complete Documents)							\$ -
	Task 5.2.1	Optional Pedestal Pit (90%)							\$ -
	Task 5.3	Final Design (100% Complete Documents)							\$ -
	Task 5.3.1	Optional Pedestal Pit (100%)							\$ -
	Task 5.4	Peer Review							\$ -
	Task 5.5	Interagency Coordination - Final Design							\$ -
	Task 5.6	As-Directed Final Design							\$ -
	Task 5.7	Construction Bid Package							\$ -
Phase III: Construction Support Services (NOT IN SCOPE)									
	Task 6.1	Response to Questions							\$ -
	Task 6.2	Change Order Preparation/Evaluation							\$ -
	Task 6.3	Shop Drawing Review and Material Approvals							\$ -
	Task 6.4	Punchlist Inspection/Development & Cert of Subst. Completion							\$ -
	Task 6.5	Final Inspection/Project Inspection							\$ -
	Task 6.6	As-Built Drawings							\$ -
	Task 6.7	Design Support - As Directed							\$ -
Grand Total			2124	\$ 109,957.40	\$ 145,451.65	\$ 255,409.05	\$ 25,540.90	\$ 2,600.00	\$ 283,549.95

NJ TRANSIT Resilience Program
Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

COST AND FEE RECAP BY FIRM/TASK

FIRM: Jolt Construction Management System, Inc. (JCMS)

Phase	No.	Task	PERSON HOURS	SALARY	OVERHEAD @ 122.39%	SUBTOTAL	FIXED FEE @ 10%	DIRECT EXPENSES	TOTAL COST
Project Requirements									
	Task 1.01	Project Management Plan	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 1.02	Project Control	1,680	\$ 98,698.60	\$ 116,010.33	\$ 214,708.93	\$ 21,470.89	\$ 1,700.00	\$ 237,879.83
	Task 1.03	Records Management Control System	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 1.04	Quality Management	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 1.05	Design Control	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 1.06	Project Meetings	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 2	Risk Management	1,280	\$ 75,597.20	\$ 88,856.95	\$ 164,454.15	\$ 16,445.41	\$ 1,000.00	\$ 181,899.56
	Task 3	System Safety Management Plan (SSMP)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase IA: Conceptual Design									
	Task 4.1	Design Review / Pedestal Pit / Wayside Power		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase IB: Preliminary Design									
	Task 4.2	Preliminary Design	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 4.3	Update Design Criteria		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 4.4	Track Design		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 4.5	Civil Design		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 4.6	Bridges, Building & Structures		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 4.7	Traction Power/Electrical Design		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 4.8	Signal Systems		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 4.9	Cost and Schedule	624	\$ 34,392.00	\$ 40,424.36	\$ 74,816.36	\$ 7,481.64	\$ 1,000.00	\$ 83,297.99
	Task 4.10	Supplemental Survey	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 4.11	Utility Relocation Preliminary Estimates	124	\$ 7,196.00	\$ 8,458.18	\$ 15,654.18	\$ 1,565.42	\$ 500.00	\$ 17,719.60
	Task 4.12	Geotechnical Investigations		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 4.13	Environmental		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 4.14	Optional Pedestal Pit		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 4.15	Value Engineering		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 4.16	As-Directed Preliminary Design		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase II: Preparation of Final Plans, Specifications, and Estimates									
	Task 5.1	Design Development (60% Design)	596	\$ 33,804.60	\$ 39,733.93	\$ 73,538.53	\$ 7,353.85	\$ 200.00	\$ 81,092.38
	Task 5.1.1	Optional Pedestal Pit (60%)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 5.2	Final Design (90% Complete Documents)	460	\$ 26,322.68	\$ 30,939.68	\$ 57,262.36	\$ 5,726.24	\$ 200.00	\$ 63,188.59
	Task 5.2.1	Optional Pedestal Pit (90%)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 5.3	Final Design (100% Complete Documents)	220	\$ 12,776.12	\$ 15,017.05	\$ 27,793.17	\$ 2,779.32	\$ 300.00	\$ 30,872.49
	Task 5.3.1	Optional Pedestal Pit (100%)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 5.4	Peer Review		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 5.5	Interagency Coordination - Final Design		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 5.6	As-Directed Final Design		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 5.7	Construction Bid Package	346	\$ 22,235.64	\$ 26,135.77	\$ 48,371.41	\$ 4,837.14	\$ 314.37	\$ 53,522.92
Phase III: Construction Support Services (NOT IN SCOPE)									
	Task 6.1	Response to Questions		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 6.2	Change Order Preparation/Evaluation	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 6.3	Shop Drawing Review and Material Approvals		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 6.4	Punchlist Inspection/Development & Cert of Subst. Completion		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 6.5	Final Inspection/Project Inspection		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 6.6	As-Built Drawings		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 6.7	Design Support - As Directed		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grand Total		5330	\$ 311,022.84	\$ 365,576.25	\$ 676,599.09	\$ 67,659.91	\$ 5,214.37	\$ 749,473.36

NJ TRANSIT Resilience Program
Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

COST AND FEE RECAP BY FIRM/TASK

FIRM: Yu & Associates, Inc. (YU)

Phase	No.	Task	PERSON HOURS	SALARY	OVERHEAD @ 168.00%	SUBTOTAL	FIXED FEE @ 10%	DIRECT EXPENSES	TOTAL COST
Project Requirements									
	Task 1.01	Project Management Plan							
	Task 1.02	Project Control							
	Task 1.03	Records Management Control System							
	Task 1.04	Quality Management							
	Task 1.05	Design Control							
	Task 1.06	Project Meetings							
	Task 2	Risk Management	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 3	System Safety Management Plan (SSMP)	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase IA: Conceptual Design									
	Task 4.1	Design Review / Pedestal Pit / Wayside Power	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase IB: Preliminary Design									
	Task 4.2	Preliminary Design	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 4.3	Update Design Criteria	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 4.4	Track Design	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 4.5	Civil Design	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 4.6	Bridges, Building & Structures	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 4.7	Traction Power/Electrical Design	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 4.8	Signal System Design	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 4.9	Cost and Schedule	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 4.10	Supplemental Survey	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 4.11	Utility Relocation Preliminary Estimates	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 4.12	Geotechnical Investigations	938	\$ 49,926.90	\$ 73,797.19	\$ 117,724.09	\$ 11,772.41	\$ 88,542.00	\$ 218,038.50
	Task 4.13	Environmental	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 4.14	Optional Pedestal Pit	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 4.15	Value Engineering	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 4.16	As-Directed Preliminary Design	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase II: Preparation of Final Plans, Specifications, and Estimates									
	Task 5.1	Design Development (60% Design)	102	\$ 5,884.95	\$ 9,886.71	\$ 15,771.66	\$ 1,577.17	\$ 700.00	\$ 18,048.82
	Task 5.1.1	Optional Pedestal Pit (60%)							
	Task 5.2	Final Design (90% Complete Documents)	52	\$ 3,098.03	\$ 5,204.70	\$ 8,302.73	\$ 830.27	\$ 700.00	\$ 9,833.00
	Task 5.2.1	Optional Pedestal Pit (90%)							
	Task 5.3	Final Design (100% Complete Documents)	76	\$ 4,579.75	\$ 7,693.98	\$ 12,273.73	\$ 1,227.37	\$ 300.00	\$ 13,801.11
	Task 5.3.1	Optional Pedestal Pit (100%)							
	Task 5.4	Peer Review	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 5.5	Interagency Coordination - Final Design	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 5.6	As-Directed Final Design	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 5.7	Construction Bid Package	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase III: Construction Support Services (NOT IN SCOPE)									
	Task 6.1	Response to Questions	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 6.2	Change Order Preparation/Evaluation	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 6.3	Shop Drawing Review and Material Approvals	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 6.4	Punchlist Inspection/Development & Cert of Subst. Completion	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 6.5	Final Inspection/Project Inspection	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 6.6	As-Built Drawings	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 6.7	Design Support - As Directed	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grand Total			1168	\$ 57,489.63	\$ 96,582.58	\$ 154,072.21	\$ 15,407.22	\$ 90,242.00	\$ 259,721.43

**NJ TRANSIT Resilience Program
Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering**

COST AND FEE RECAP BY FIRM/TASK

FIRM: JACOBS

Phase	No.	Task	PERSON HOURS	SALARY	OVERHEAD @ 110.61%	SUBTOTAL	FIXED FEE @ 10%	DIRECT EXPENSES	TOTAL COST
Project Requirements									
	Task 1.01	Project Management Plan							
	Task 1.02	Project Control							
	Task 1.03	Records Management Control System							
	Task 1.04	Quality Management							
	Task 1.05	Design Control							
	Task 1.06	Project Meetings							
	Task 2	Risk Management							
	Task 3	System Safety Management Plan (SSMP)							
Phase IA: Conceptual Design									
	Task 4.1	Design Review / Pedestal Pit / Wayside Power	606	\$ 45,442.98	\$ 50,264.48	\$ 95,707.46	\$ 9,570.75	\$ 2,000.00	\$ 107,278.21
Phase IB: Preliminary Design									
	Task 4.2	Preliminary Design	104	\$ 8,760.00	\$ 9,689.44	\$ 18,449.44	\$ 1,844.94	\$ 1,000.00	\$ 21,294.38
	Task 4.3	Update Design Criteria							\$ -
	Task 4.4	Track Design	120	\$ 15,309.60	\$ 16,933.95	\$ 32,243.55	\$ 3,224.35	\$ 500.00	\$ 35,967.90
	Task 4.5	Civil Design							\$ -
	Task 4.6	Bridges, Building & Structures	1,822	\$ 126,772.75	\$ 140,223.54	\$ 266,996.09	\$ 26,699.61	\$ 1,800.00	\$ 295,495.70
	Task 4.7	Traction Power/Electrical Design							\$ -
	Task 4.8	Signal System Design							\$ -
	Task 4.9	Cost and Schedule							\$ -
	Task 4.10	Supplemental Survey							\$ -
	Task 4.11	Utility Relocation Preliminary Estimates							\$ -
	Task 4.12	Geotechnical Investigations							\$ -
	Task 4.13	Environmental							\$ -
	Task 4.14	Optional Pedestal Pit	1,169	\$ 72,995.54	\$ 80,740.37	\$ 153,735.91	\$ 15,373.59	\$ 2,500.00	\$ 171,609.50
	Task 4.15	Value Engineering							\$ -
	Task 4.16	As-Directed Preliminary Design							\$ -
Phase II: Preparation of Final Plans, Specifications, and Estimates									
	Task 5.1	Design Development (60% Design)	794	\$ 57,836.87	\$ 63,973.36	\$ 121,810.23	\$ 12,181.02	\$ 5,000.00	\$ 138,991.25
	Task 5.1.1	Optional Pedestal Pit (60%)	936	\$ 61,304.24	\$ 67,808.62	\$ 129,112.86	\$ 12,911.29	\$ 5,000.00	\$ 147,024.15
	Task 5.2	Final Design (90% Complete Documents)	862	\$ 65,491.62	\$ 72,440.28	\$ 137,931.91	\$ 13,793.19	\$ 1,500.00	\$ 153,225.10
	Task 5.2.1	Optional Pedestal Pit (90%)	666	\$ 43,392.99	\$ 47,996.99	\$ 91,389.98	\$ 9,139.00	\$ 1,500.00	\$ 102,028.98
	Task 5.3	Final Design (100% Complete Documents)	1,155	\$ 78,881.37	\$ 87,250.68	\$ 166,132.04	\$ 16,613.20	\$ 2,500.00	\$ 185,245.25
	Task5.3.1	Optional Pedestal Pit (100%)	454	\$ 29,713.14	\$ 32,865.71	\$ 62,578.85	\$ 6,257.88	\$ 2,500.00	\$ 71,336.73
	Task 5.4	Peer Review	88	\$ 9,986.47	\$ 11,046.03	\$ 21,032.50	\$ 2,103.25	\$ 1,200.00	\$ 24,335.75
	Task 5.5	Interagency Coordination - Final Design							\$ -
	Task 5.6	As-Directed Final Design							\$ -
	Task 5.7	Construction Bid Package	64	\$ 6,124.46	\$ 6,774.27	\$ 12,898.73	\$ 1,289.87	\$ -	\$ 14,188.60
Phase III: Construction Support Services (NOT IN SCOPE)									
	Task 6.1	Response to Questions	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 6.2	Change Order Preparation/Evaluation							\$ -
	Task 6.3	Shop Drawing Review and Material Approvals	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 6.4	Punchlist Inspection/Development & Cert of Subst. Completion	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 6.5	Final Inspection/Project Inspection	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 6.6	As-Built Drawings	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 6.7	Design Support - As Directed							\$ -
Grand Total			8840	\$ 622,012.03	\$ 688,007.51	\$1,310,019.54	\$131,001.95	\$ 27,000.00	\$ 1,468,021.50

NJ TRANSIT Resilience Program
Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

COST AND FEE RECAP BY FIRM/TASK

FIRM: SSA

Phase	No.	Task	PERSON HOURS	SALARY	OVERHEAD @ 132.00%	SUBTOTAL	FIXED FEE @ 10%	DIRECT EXPENSES	TOTAL COST
Project Requirements									
	Task 1.01	Project Management Plan							\$ -
	Task 1.02	Project Control							\$ -
	Task 1.03	Records Management Control System							\$ -
	Task 1.04	Quality Management							\$ -
	Task 1.05	Design Control							\$ -
	Task 1.06	Project Meetings							\$ -
	Task 2	Risk Management							\$ -
	Task 3	System Safety Management Plan (SSMP)							\$ -
Phase IA: Conceptual Design									
	Task 4.1	Design Review / Pedestal Pit / Wayside Power							\$ -
Phase IB: Preliminary Design									
	Task 4.2	Preliminary Design	60	\$ 4,173.60	\$ 5,509.15	\$ 9,682.75	\$ 968.28	\$ 500.00	\$ 11,151.03
	Task 4.3	Update Design Criteria							\$ -
	Task 4.4	Track Design							\$ -
	Task 4.5	Civil Design							\$ -
	Task 4.6	Bridges, Building & Structures	688	\$ 33,009.04	\$ 43,571.93	\$ 76,580.97	\$ 7,658.10	\$ 1,500.00	\$ 85,739.07
	Task 4.7	Traction Power/Electrical Design							\$ -
	Task 4.8	Signal System Design							\$ -
	Task 4.9	Cost and Schedule							\$ -
	Task 4.10	Supplemental Survey							\$ -
	Task 4.11	Utility Relocation Preliminary Estimates							\$ -
	Task 4.12	Geotechnical Investigations							\$ -
	Task 4.13	Environmental							\$ -
	Task 4.14	Optional Pedestal Pit							\$ -
	Task 4.15	Value Engineering							\$ -
	Task 4.16	As-Directed Preliminary Design							\$ -
Phase IC: Preparation of Final Plans, Specifications, and Estimates									
	Task 5.1	Design Development (60% Design)	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 5.1.1	Optional Pedestal Pit (60%)							\$ -
	Task 5.2	Final Design (90% Complete Documents)	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 5.2.1	Optional Pedestal Pit (90%)							\$ -
	Task 5.3	Final Design (100% Complete Documents)	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Task 5.3.1	Optional Pedestal Pit (100%)							\$ -
	Task 5.4	Peer Review	36	\$ 3,441.39	\$ 4,542.64	\$ 7,984.04	\$ 798.40	\$ 300.00	\$ 9,082.44
	Task 5.5	Interagency Coordination - Final Design							\$ -
	Task 5.6	As-Directed Final Design							\$ -
	Task 5.7	Construction Bid Package							\$ -
Phase ID: Construction Support Services (NOT IN SCOPE)									
	Task 6.1	Response to Questions							\$ -
	Task 6.2	Change Order Preparation/Evaluation							\$ -
	Task 6.3	Shop Drawing Review and Material Approvals							\$ -
	Task 6.4	Punchlist Inspection/Development & Cert of Subst. Completion							\$ -
	Task 6.5	Final Inspection/Project Inspection							\$ -
	Task 6.6	As-Built Drawings							\$ -
	Task 6.7	Design Support - As Directed							\$ -
Grand Total			784	\$ 40,624.03	\$ 53,623.73	\$ 94,247.76	\$ 9,424.76	\$ 2,300.00	\$ 105,972.54

NJ TRANSIT Resilience Program
Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

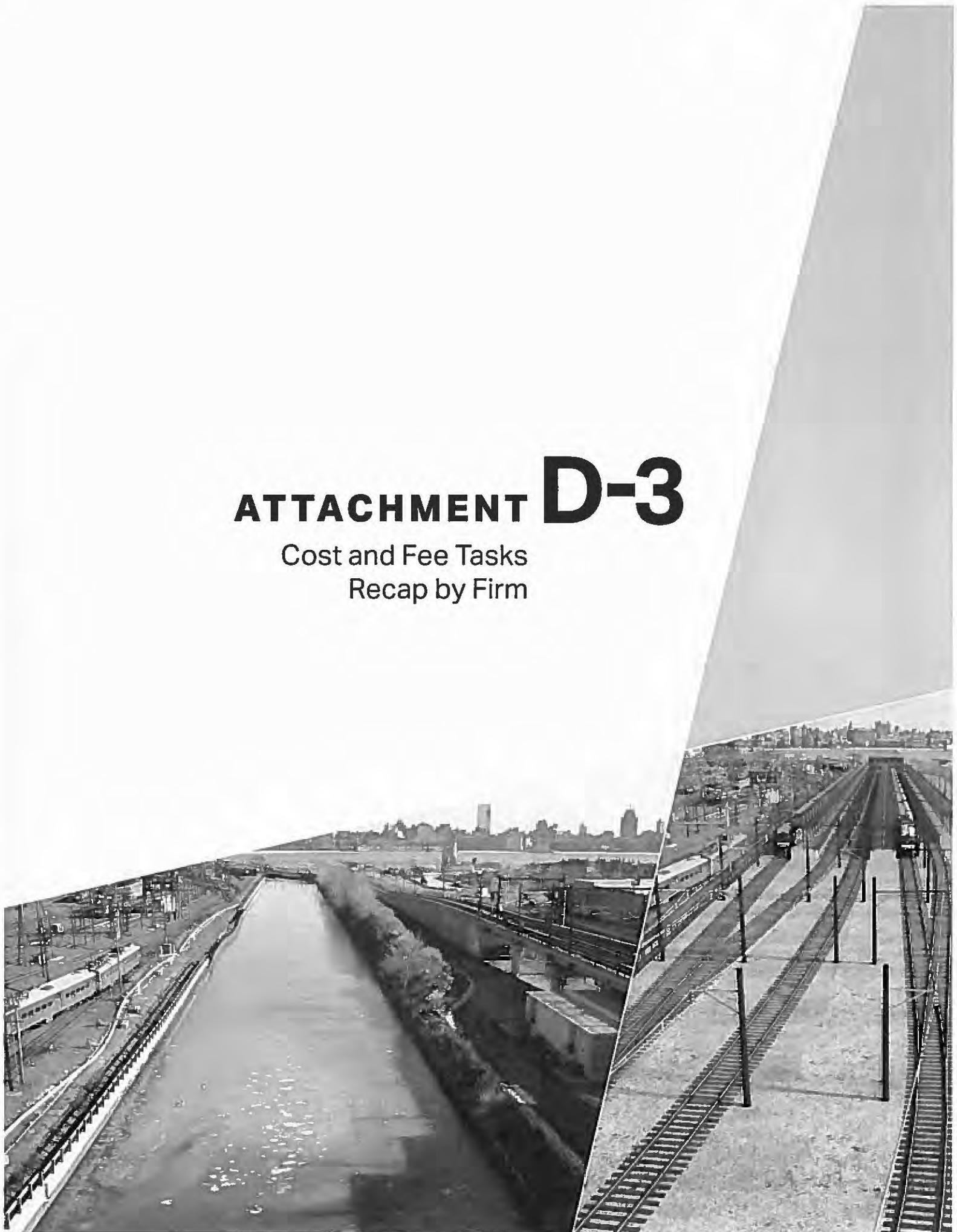
COST AND FEE RECAP BY FIRM/TASK

FIRM: VIA

Phase	No.	Task	PERSON HOURS	SALARY	OVERHEAD @ 112.66%	SUBTOTAL	FIXED FEE @ 10%	DIRECT EXPENSES	TOTAL COST
Project Requirements									
	Task 1.01	Project Management Plan							
	Task 1.02	Project Control							
	Task 1.03	Records Management Control System							
	Task 1.04	Quality Management							
	Task 1.05	Design Control							
	Task 1.06	Project Meetings							
	Task 2	Risk Management						\$ -	\$ -
	Task 3	System Safety Management Plan (SSMP)						\$ -	\$ -
Phase IA: Conceptual Design								\$ -	\$ -
	Task 4.1	Design Review / Pedestal Pit / Wayside Power						\$ -	\$ -
Phase IB: Preliminary Design								\$ -	\$ -
	Task 4.2	Preliminary Design						\$ -	\$ -
	Task 4.3	Update Design Criteria						\$ -	\$ -
	Task 4.4	Track Design						\$ -	\$ -
	Task 4.5	Civil Design						\$ -	\$ -
	Task 4.6	Bridges, Building & Structures						\$ -	\$ -
	Task 4.7	Traction Power/Electrical Design						\$ -	\$ -
	Task 4.8	Signal System Design						\$ -	\$ -
	Task 4.9	Cost and Schedule						\$ -	\$ -
	Task 4.10	Supplemental Survey						\$ -	\$ -
	Task 4.11	Utility Relocation Preliminary Estimates						\$ -	\$ -
	Task 4.12	Geotechnical Investigations						\$ -	\$ -
	Task 4.13	Environmental						\$ -	\$ -
	Task 4.14	Optional Pedestal PH						\$ -	\$ -
	Task 4.15	Value Engineering	980	\$ 68,424.40	\$ 77,086.93	\$ 145,511.33	\$ 14,551.13	\$ 2,200.00	\$ 162,262.46
	Task 4.16	As-Directed Preliminary Design						\$ -	\$ -
Phase IC: Preparation of Final Plans, Specifications, and Estimates								\$ -	\$ -
	Task 5.1	Design Development (60% Design)						\$ -	\$ -
	Task 5.1.1	Optional Pedestal Pit (60%)						\$ -	\$ -
	Task 5.2	Final Design (90% Complete Documents)						\$ -	\$ -
	Task 5.2.1	Optional Pedestal Pit (90%)						\$ -	\$ -
	Task 5.3	Final Design (100% Complete Documents)						\$ -	\$ -
	Task 5.3.1	Optional Pedestal Pit (100%)						\$ -	\$ -
	Task 5.4	Peer Review						\$ -	\$ -
	Task 5.5	Interagency Coordination - Final Design						\$ -	\$ -
	Task 5.6	As-Directed Final Design						\$ -	\$ -
	Task 5.7	Construction Bid Package						\$ -	\$ -
Phase ID: Construction Support Services (NOT IN SCOPE)								\$ -	\$ -
	Task 6.1	Response to Questions						\$ -	\$ -
	Task 6.2	Change Order Preparation/Evaluation						\$ -	\$ -
	Task 6.3	Shop Drawing Review and Material Approvals						\$ -	\$ -
	Task 6.4	Punchlist Inspection/Development & Cert of Subst. Completion						\$ -	\$ -
	Task 6.5	Final Inspection/Project Inspection						\$ -	\$ -
	Task 6.6	As-Built Drawings						\$ -	\$ -
	Task 6.7	Design Support - As Directed						\$ -	\$ -
								\$ -	\$ -
								\$ -	\$ -
								\$ -	\$ -
Grand Total			980	\$ 68,424.40	\$ 77,086.93	\$ 145,511.33	\$ 14,551.13	\$ 2,200.00	\$ 162,262.46

ATTACHMENT D-3

Cost and Fee Tasks
Recap by Firm



NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

COST AND FEE RECAP - TEAM SUMMARY

ATTACHMENT D-3

FIRM: AECOM

(Price Consultant Name)

	DESCRIPTION	PERSON HOURS	SALARY	OVERHEAD	SUBTOTAL	FIXED FEE @ 10%	DIRECT EXPENSES	TOTAL COST
Project Requirements								
Task 1.01	Project Management Plan	168	\$ 15,915.20	\$ 22,144.41	\$ 38,059.61	\$ 3,805.96	\$ 1,200.00	\$ 43,065.57
Task 1.02	Project Control	1,334	\$ 243,315.80	\$ 317,230.71	\$ 560,546.51	\$ 56,054.65	\$ 3,700.00	\$ 620,301.16
Task 1.03	Records Management Control System	3,200	\$ 124,242.50	\$ 225,375.89	\$ 349,618.38	\$ 34,961.84	\$ 1,000.00	\$ 385,580.22
Task 1.04	Quality Management	668	\$ 59,211.04	\$ 82,386.24	\$ 141,597.28	\$ 14,159.73	\$ 800.00	\$ 156,557.01
Task 1.05	Design Control	456	\$ 36,458.80	\$ 50,728.77	\$ 87,187.57	\$ 8,718.76	\$ 800.00	\$ 96,706.33
Task 1.06	Project Meetings	846	\$ 76,246.80	\$ 106,089.80	\$ 182,336.60	\$ 18,233.66	\$ 6,000.00	\$ 206,570.26
		8672	\$ 555,390.14	\$ 803,955.82	\$ 1,359,345.95	\$ 135,934.60	\$ 13,500.00	\$ 1,508,780.55
Task 2	Risk Management	1,548	\$ 102,555.60	\$ 126,366.87	\$ 228,922.47	\$ 22,892.25	\$ 4,000.00	\$ 255,814.71
Task 3	System Safety Management Plan (SSMP)	200	\$ 27,851.60	\$ 38,752.72	\$ 66,604.32	\$ 6,660.43	\$ 500.00	\$ 73,764.75
Phase IA: Conceptual Design								
Task 4.1	Design Review / Pedestal Pit / Wayside Power	1,058	\$ 80,002.98	\$ 98,351.26	\$ 178,354.24	\$ 17,835.42	\$ 3,000.00	\$ 199,189.67
Phase IB: Preliminary Design								
Task 4.2	Preliminary Design	364	\$ 27,141.60	\$ 34,967.60	\$ 62,109.20	\$ 6,210.92	\$ 1,900.00	\$ 70,270.12
Task 4.3	Update Design Criteria	72	\$ 4,408.00	\$ 6,133.29	\$ 10,541.29	\$ 1,054.13	\$ 200.00	\$ 11,795.42
Task 4.4	Track Design	1,281	\$ 87,625.60	\$ 117,554.43	\$ 205,180.03	\$ 20,518.00	\$ 1,500.00	\$ 227,198.03
Task 4.5	Civil Design	1,160	\$ 72,088.00	\$ 100,303.24	\$ 172,391.24	\$ 17,239.12	\$ 500.00	\$ 190,130.37
Task 4.6	Bridges, Building & Structures	4,210	\$ 254,697.79	\$ 315,861.39	\$ 570,559.18	\$ 57,055.92	\$ 3,800.00	\$ 631,415.10
Task 4.7	Traction Power/Electrical Design	1,596	\$ 101,360.00	\$ 141,032.30	\$ 242,392.30	\$ 24,239.23	\$ 800.00	\$ 267,431.53
Task 4.8	Signal Systems	184	\$ 18,400.00	\$ 25,601.76	\$ 44,001.76	\$ 4,400.18	\$ -	\$ 48,401.94
Task 4.9	Cost and Schedule	664	\$ 38,872.00	\$ 46,657.83	\$ 85,529.83	\$ 8,552.98	\$ 1,000.00	\$ 95,082.81
Task 4.10	Supplemental Survey	1,408	\$ 83,835.60	\$ 111,738.49	\$ 195,574.09	\$ 19,557.41	\$ 2,100.00	\$ 217,231.50
Task 4.11	Utility Relocation Preliminary Estimates	480	\$ 32,332.00	\$ 43,432.41	\$ 75,764.41	\$ 7,576.44	\$ 1,000.00	\$ 84,340.85
Task 4.12	Geotechnical Investigations	938	\$ 43,926.90	\$ 73,797.19	\$ 117,724.09	\$ 11,772.41	\$ 88,542.00	\$ 218,038.50
Task 4.13	Environmental	240	\$ 15,856.00	\$ 22,062.04	\$ 37,918.04	\$ 3,791.80	\$ 1,200.00	\$ 42,909.84
Task 4.14	Optional Pedestal Pit	1,169	\$ 72,995.54	\$ 80,740.17	\$ 153,735.71	\$ 15,373.57	\$ 2,500.00	\$ 171,609.50
Task 4.15	Value Engineering	1,132	\$ 82,856.40	\$ 97,167.61	\$ 180,024.01	\$ 18,002.40	\$ 5,200.00	\$ 203,226.42
Task 4.16	As Directed Preliminary Design	2,000	\$ 116,268.00	\$ 161,775.30	\$ 278,043.30	\$ 27,804.33	\$ 400.00	\$ 306,247.63
		17,956	\$ 1,132,666.41	\$ 1,477,176.51	\$ 2,609,842.92	\$ 260,984.28	\$ 113,642.00	\$ 2,984,469.22
Phase II: Preparation of Final Plans, Specifications, and Estimates								
Task 5.1	Design Development (60% Design)	7,879	\$ 486,547.12	\$ 652,244.68	\$ 1,138,791.8	\$ 113,879.18	\$ 9,400.00	\$ 1,262,070.98
Task	Optional Pedestal Pit (60%)	936	\$ 61,304.24	\$ 67,808.62	\$ 129,112.86	\$ 12,911.29	\$ 5,000.00	\$ 147,024.15
Task 5.2	Final Design (90% Complete Documents)	5,690	\$ 350,887.94	\$ 464,749.11	\$ 815,637.05	\$ 81,563.7	\$ 4,400.00	\$ 901,600.75
Task	Optional Pedestal Pit (90%)	666	\$ 43,392.99	\$ 47,996.99	\$ 91,389.98	\$ 9,139	\$ 1,500.00	\$ 102,028.98
Task 5.3	Final Design (100% Complete Documents)	3,371	\$ 216,417.64	\$ 277,180.72	\$ 493,598.36	\$ 49,359.84	\$ 5,300.00	\$ 548,258.19
Task	Optional Pedestal Pit (100%)	454	\$ 29,713.14	\$ 32,865.71	\$ 62,578.85	\$ 6,257.88	\$ 2,500.00	\$ 71,336.73
Task 5.4	Peer Review	524	\$ 45,679.22	\$ 60,463.22	\$ 106,142.44	\$ 10,614.24	\$ 3,900.00	\$ 120,656.68
Task 5.5	Interagency Coordination - Final Design	500	\$ 34,443.20	\$ 47,924.27	\$ 82,367.47	\$ 8,236.75	\$ 1,200.00	\$ 91,804.22
Task 5.6	As Directed Final Design	1,000	\$ 64,519.20	\$ 89,772.01	\$ 154,291.21	\$ 15,429.12	\$ 800.00	\$ 170,520.34
Task 5.7	Construction Bid Package	1,090	\$ 72,411.14	\$ 94,202.66	\$ 166,613.8	\$ 16,661.38	\$ 3,114.37	\$ 186,389.55
		22,110	\$ 1,405,315.83	\$ 1,835,207.99	\$ 3,240,523.82	\$ 324,052.38	\$ 37,114.37	\$ 3,601,690.57
Phase III: Construction Support Services (NOT IN SCOPE)								
Task 6.1	Response to Questions	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Task 6.2	Change Order Preparation/Evaluation	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Task 6.3	Shop Drawing Review and Material Approvals	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Task 6.4	Punchlist Inspection/Development & Cert of Subst. Completion	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Task 6.5	Final Inspection/Project Inspection	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Task 6.6	As-Built Drawings	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Task 6.7	Design Support - As Directed	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		50,586	\$ 3,223,779.58	\$ 4,281,459.91	\$ 7,505,239.48	\$ 750,523.95	\$ 168,756.37	\$ 8,424,519.80
TOTALS		50,586	\$ 3,223,779.58	\$ 4,281,459.91	\$ 7,505,239.48	\$ 750,523.95	\$ 168,756.37	\$ 8,424,519.80

ATTACHMENT D-4

Personnel Team Detail



NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 1.01

FIRM: AECOM

Project Management Plan

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal	16	\$ 111.65	\$ 1,786.40
Staff 2	Sr. Consultant	40	\$ 101.50	\$ 4,060.00
Staff 3	Project Manager	80	\$ 113.68	\$ 9,094.40
Staff 4	Design/Planning Team Leader		\$ 84.87	\$ -
Staff 5	Project Specialist		\$ 106.09	\$ -
Staff 6	Supervising Eng/Plan		\$ 74.26	\$ -
Staff 7	Principal Eng/Plan		\$ 63.65	\$ -
Staff 8	Sr. Eng/Plan		\$ 53.05	\$ -
Staff 9	Engineer/Planner		\$ 42.44	\$ -
Staff 10	Field Survey Staff		\$ 31.83	\$ -
Staff 11	CADD Tech		\$ 44.56	\$ -
Staff 12	Intern/Clerical	32	\$ 30.45	\$ 974.40
TOTAL ESTIMATED HOURS		168		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)	\$ 15,915.20
OVERHEAD @ 139.14% OF BARE COST	\$ 22,144.41
SUBTOTAL -- SALARY + OVERHEAD	\$ 38,059.61
FIXED FEE @ 10% OF BARE COST + OVERHEAD	\$ 3,805.96
DIRECT EXPENSES (itemized)	\$
Production - Reproduction	\$800.00
Postage/Shipping/Messenger Service	\$200.00
Local Travel	\$200.00
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00
Miscellaneous	\$0.00
TOTAL DIRECT EXPENSES	\$ 1,200.00
TOTAL THIS TASK	\$ 43,065.57

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 1.02

FIRM: AECOM

Project Control

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal	64	\$ 111.65	\$ 7,145.60
Staff 2	Sr. Consultant	240	\$ 101.50	\$ 24,360.00
Staff 3	Project Manager	670	\$ 113.68	\$ 76,165.60
Staff 4	Design/Planning Team Leader		\$ 81.20	\$ -
Staff 5	Project Specialist		\$ 101.50	\$ -
Staff 6	Supervising Eng/Plan	400	\$ 71.05	\$ 28,420.00
Staff 7	Principal Eng/Plan		\$ 63.65	\$ -
Staff 8	Sr. Eng/Plan		\$ 53.05	\$ -
Staff 9	Engineer/Planner		\$ 42.44	\$ -
Staff 10	Field Survey Staff		\$ 31.83	\$ -
Staff 11	CADD Tech		\$ 44.56	\$ -
Staff 12	Intern/Clerical	280	\$ 30.45	\$ 8,526.00
TOTAL ESTIMATED HOURS		1,654		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)		\$ 144,617.20
OVERHEAD @ 139.14% OF BARE COST		\$ 201,220.37
SUBTOTAL -- SALARY + OVERHEAD		\$ 345,837.57
FIXED FEE @ 10% OF BARE COST + OVERHEAD		\$ 34,583.76
DIRECT EXPENSES (itemized)		\$
Production - Reproduction		\$1,000.00
Postage/Shipping/Messenger Service		\$500.00
Local Travel		\$500.00
Overnight Travel (Travel, Car Rental, Hotel & Meals)		\$0.00
Miscellaneous		\$0.00
TOTAL DIRECT EXPENSES		\$ 2,000.00
TOTAL THIS TASK		\$ 382,421.33

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 1.02

FIRM: Jois Construction Management
System, Inc. (JCMS)

Project Control

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal	80	\$ 83.23	\$ 6,658.40
Staff 2	Chief Cost Estimator	120	\$ 85.26	\$ 10,231.20
Staff 3	Sr. Cost Estimator		\$ 70.02	\$ -
Staff 4	Sr. Scheduling Engineer	640	\$ 59.89	\$ 38,326.40
Staff 5	Cost Estimator		\$ 54.11	\$ -
Staff 6	Scheduling Engineer	840	\$ 51.77	\$ 43,482.60
Staff 7	Technical Support		\$ 36.07	\$ -
Staff 8	TBD		\$ -	\$ -
Staff 9	TBD		\$ -	\$ -
Staff 10	TBD		\$ -	\$ -
TOTAL ESTIMATED HOURS		1680		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)		\$98,698.60
OVERHEAD @ 117.54 % OF BARE COST		\$116,010.33
SUBTOTAL -- SALARY + OVERHEAD		\$ 214,708.93
FIXED FEE @ 10% OF BARE COST + OVERHEAD		\$ 21,470.89
DIRECT EXPENSES (itemized)	\$	
Production - Reproduction	\$500.00	
Postage/Shipping/Messenger Service	\$200.00	
Local Travel	\$1,000.00	
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00	
Miscellaneous	\$0.00	
TOTAL DIRECT EXPENSES		\$1,700.00
TOTAL THIS TASK		\$237,879.83

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 1.03

FIRM: InGroup, Inc. (ING)

Records Management Control System

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal	320	\$ 52.27	\$ 16,727.20
Staff 2	Outreach Coordinator I		\$ 19.57	\$ -
Staff 3	Outreach Coordinator II		\$ 17.00	\$ -
Staff 4	Graphics/Web Outreach Associate		\$ 22.04	\$ -
Staff 5	Outreach Support Admin		\$ 14.00	\$ -
Staff 6	TBD		\$ -	\$ -
Staff 7	Records Technician	2880	\$ 37.33	\$ 107,515.30
			\$ -	\$ -
			\$ -	\$ -
			\$ -	\$ -
TOTAL ESTIMATED HOURS		3200		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)		\$124,242.50
OVERHEAD @ 181.40 % OF BARE COST		\$225,375.89
SUBTOTAL -- SALARY + OVERHEAD		\$ 349,618.38
FIXED FEE @ 10% OF BARE COST + OVERHEAD		\$ 34,961.84
DIRECT EXPENSES (itemized)	\$	
Production - Reproduction	\$400.00	
Postage/Shipping/Messenger Service	\$100.00	
Local Travel	\$500.00	
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00	
Miscellaneous	\$0.00	
TOTAL DIRECT EXPENSES		\$1,000.00
TOTAL THIS TASK		\$385,580.22

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 1.04

FIRM: AECOM

Quality Management

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal	72	\$ 111.65	\$ 8,038.80
Staff 2	Sr. Consultant	268	\$ 101.50	\$ 27,202.00
Staff 3	Project Manager	168	\$ 113.68	\$ 19,098.24
Staff 4	Design/Planning Team Leader		\$ 84.87	\$ -
Staff 5	Project Specialist		\$ 106.09	\$ -
Staff 6	Supervising Eng/Plan		\$ 74.26	\$ -
Staff 7	Principal Eng/Plan		\$ 63.65	\$ -
Staff 8	Sr. Eng/Plan		\$ 53.05	\$ -
Staff 9	Engineer/Planner		\$ 42.44	\$ -
Staff 10	Field Survey Staff		\$ 31.83	\$ -
Staff 11	CADD Tech		\$ 44.56	\$ -
Staff 12	Intern/Clerical	160	\$ 30.45	\$ 4,872.00
TOTAL ESTIMATED HOURS		668		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)	\$	59,211.04
OVERHEAD @ 139.14% OF BARE COST		82,386.24
SUBTOTAL – SALARY + OVERHEAD		141,597.28
FIXED FEE @ 10% OF BARE COST + OVERHEAD		14,159.73
DIRECT EXPENSES (itemized)	\$	
Production - Reproduction	\$400.00	
Postage/Shipping/Messenger Service	\$200.00	
Local Travel	\$200.00	
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00	
Miscellaneous	\$0.00	
TOTAL DIRECT EXPENSES		800.00
TOTAL THIS TASK		\$ 156,557.01

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 1.05

FIRM: AECOM

Design Control

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal	32	\$ 111.65	\$ 3,572.80
Staff 2	Sr. Consultant	120	\$ 101.50	\$ 12,180.00
Staff 3	Project Manager	40	\$ 113.68	\$ 4,547.20
Staff 4	Design/Planning Team Leader		\$ 84.87	\$ -
Staff 5	Project Specialist		\$ 106.09	\$ -
Staff 6	Supervising Eng/Plan	200	\$ 71.05	\$ 14,210.00
Staff 7	Principal Eng/Plan		\$ 63.65	\$ -
Staff 8	Sr. Eng/Plan		\$ 53.05	\$ -
Staff 9	Engineer/Planner		\$ 42.44	\$ -
Staff 10	Field Survey Staff		\$ 31.83	\$ -
Staff 11	CADD Tech		\$ 44.56	\$ -
Staff 12	Intern/Clerical	64	\$ 30.45	\$ 1,948.80
TOTAL ESTIMATED HOURS		456		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)	\$	36,458.80
OVERHEAD @ 139.14% OF BARE COST	\$	50,728.77
SUBTOTAL -- SALARY + OVERHEAD	\$	87,187.57
FIXED FEE @ 10% OF BARE COST + OVERHEAD	\$	8,718.76
DIRECT EXPENSES (itemized)	\$	
Production - Reproduction	\$	400.00
Postage/Shipping/Messenger Service	\$	200.00
Local Travel	\$	200.00
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$	0.00
Miscellaneous	\$	0.00
TOTAL DIRECT EXPENSES	\$	800.00
TOTAL THIS TASK	\$	96,706.33

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 1.06

FIRM: AECOM

Project Meetings

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal	16	\$ 111.65	\$ 1,786.40
Staff 2	Sr. Consultant	120	\$ 101.50	\$ 12,180.00
Staff 3	Project Manager	430	\$ 113.68	\$ 48,882.40
Staff 4	Design/Planning Team Leader		\$ 84.87	\$ -
Staff 5	Project Specialist		\$ 106.09	\$ -
Staff 6	Supervising Eng/Plan	120	\$ 71.05	\$ 8,526.00
Staff 7	Principal Eng/Plan		\$ 63.65	\$ -
Staff 8	Sr. Eng/Plan		\$ 53.05	\$ -
Staff 9	Engineer/Planner		\$ 42.44	\$ -
Staff 10	Field Survey Staff		\$ 31.83	\$ -
Staff 11	CADD Tech		\$ 44.56	\$ -
Staff 12	Intern/Clerical	160	\$ 30.45	\$ 4,872.00
TOTAL ESTIMATED HOURS		846		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)		\$ 76,246.80
OVERHEAD @ 139.14% OF BARE COST		\$ 106,089.80
SUBTOTAL – SALARY + OVERHEAD		\$ 182,336.60
FIXED FEE @ 10% OF BARE COST + OVERHEAD		\$ 18,233.66
DIRECT EXPENSES (itemized)		\$
Production - Reproduction		\$2,000.00
Postage/Shipping/Messenger Service		\$500.00
Local Travel		\$2,000.00
Overnight Travel (Travel, Car Rental, Hotel & Meals)		\$0.00
Miscellaneous (Graphics/presentation support)		\$1,500.00
TOTAL DIRECT EXPENSES		\$ 6,000.00
TOTAL THIS TASK		\$ 206,570.26

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 2

FIRM: AECOM

Risk Management

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ 116.70	\$ -
Staff 2	Sr. Consultant	64	\$ 101.50	\$ 6,496.00
Staff 3	Project Manager	140	\$ 113.68	\$ 15,915.20
Staff 4	Design/Planning Team Leader		\$ 84.87	\$ -
Staff 5	Project Specialist		\$ 106.09	\$ -
Staff 6	Supervising Eng/Plan	64	\$ 71.05	\$ 4,547.20
Staff 7	Principal Eng/Plan		\$ 63.65	\$ -
Staff 8	Sr. Eng/Plan		\$ 53.05	\$ -
Staff 9	Engineer/Planner		\$ 42.44	\$ -
Staff 10	Field Survey Staff		\$ 31.83	\$ -
Staff 11	CADD Tech		\$ 44.56	\$ -
Staff 12	Intern/Clerical		\$ 31.83	\$ -
TOTAL ESTIMATED HOURS		268		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)		\$ 26,958.40
OVERHEAD @ 139.14% OF BARE COST		\$ 37,509.92
SUBTOTAL -- SALARY + OVERHEAD		\$ 64,468.32
FIXED FEE @ 10% OF BARE COST + OVERHEAD		\$ 6,446.83
DIRECT EXPENSES (itemized)		\$
Production - Reproduction		\$800.00
Postage/Shipping/Messenger Service		\$400.00
Local Travel		\$800.00
Overnight Travel (Travel, Car Rental, Hotel & Meals)		\$0.00
Miscellaneous (Workshop support / catering)		\$1,000.00
TOTAL DIRECT EXPENSES		\$ 3,000.00
TOTAL THIS TASK		\$ 73,915.15

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 2

**FIRM: Jois Construction Management
System, Inc. (JCMS)**

Risk Management

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ 82.00	\$ -
Staff 2	Chief Cost Estimator		\$ 89.12	\$ -
Staff 3	Sr. Cost Estimator	400	\$ 66.99	\$ 26,796.00
Staff 4	Sr. Scheduling Engineer	400	\$ 59.89	\$ 23,954.00
Staff 5	Cost Estimator	240	\$ 51.77	\$ 12,423.60
Staff 6	Scheduling Engineer	240	\$ 51.77	\$ 12,423.60
Staff 7	Technical Support		\$ 36.07	\$ -
Staff 8	TBD		\$ -	\$ -
Staff 9	TBD		\$ -	\$ -
Staff 10	TBD		\$ -	\$ -
TOTAL ESTIMATED HOURS		1280		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)		\$75,597.20
OVERHEAD @ 117.54 % OF BARE COST		\$88,856.95
SUBTOTAL -- SALARY + OVERHEAD		\$ 164,454.15
FIXED FEE @ 10% OF BARE COST + OVERHEAD		\$ 16,445.41
DIRECT EXPENSES (itemized)	\$	
Production - Reproduction	\$200.00	
Postage/Shipping/Messenger Service	\$0.00	
Local Travel	\$800.00	
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00	
Miscellaneous	\$0.00	
TOTAL DIRECT EXPENSES		\$1,000.00
TOTAL THIS TASK		\$181,899.56

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 3

FIRM: AECOM

System Safety Management Plan (SSMP)

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ 116.70	\$ -
Staff 2	Sr. Consultant	240	\$ 101.50	\$ 24,360.00
Staff 3	Project Manager	20	\$ 113.68	\$ 2,273.60
Staff 4	Design/Planning Team Leader		\$ 84.87	\$ -
Staff 5	Project Specialist		\$ 106.09	\$ -
Staff 6	Supervising Eng/Plan		\$ 74.26	\$ -
Staff 7	Principal Eng/Plan		\$ 63.65	\$ -
Staff 8	Sr. Eng/Plan		\$ 53.05	\$ -
Staff 9	Engineer/Planner		\$ 42.44	\$ -
Staff 10	Field Survey Staff		\$ 31.83	\$ -
Staff 11	CADD Tech		\$ 44.56	\$ -
Staff 12	Intern/Clerical	40	\$ 30.45	\$ 1,218.00
TOTAL ESTIMATED HOURS		300		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)	\$	27,851.60
OVERHEAD @ 139.14% OF BARE COST	\$	38,752.72
SUBTOTAL -- SALARY + OVERHEAD	\$	66,604.32
FIXED FEE @ 10% OF BARE COST + OVERHEAD	\$	6,660.43
DIRECT EXPENSES (itemized)	\$	
Production - Reproduction	\$	200.00
Postage/Shipping/Messenger Service	\$	100.00
Local Travel	\$	200.00
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$	0.00
Miscellaneous	\$	0.00
TOTAL DIRECT EXPENSES	\$	500.00
TOTAL THIS TASK	\$	73,764.75

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 4.1

FIRM: AECOM

Design Review / Pedestal Pit / Wayside Power

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ 110.00	\$ -
Staff 2	Sr. Consultant	8	\$ 100.00	\$ 800.00
Staff 3	Project Manager	24	\$ 112.00	\$ 2,688.00
Staff 4	Design/Planning Team Leader	308	\$ 80.00	\$ 24,640.00
Staff 5	Project Specialist		\$ 100.00	\$ -
Staff 6	Supervising Eng/Plan		\$ 70.00	\$ -
Staff 7	Principal Eng/Plan	96	\$ 60.00	\$ 5,760.00
Staff 8	Sr. Eng/Plan		\$ 50.00	\$ -
Staff 9	Engineer/Planner		\$ 40.00	\$ -
Staff 10	Field Survey Staff		\$ 30.00	\$ -
Staff 11	CADD Tech	16	\$ 42.00	\$ 672.00
Staff 12	Intern/Clerical		\$ 30.00	\$ -
TOTAL ESTIMATED HOURS		452		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)	\$ 34,560.00
OVERHEAD @ 139.14% OF BARE COST	\$ 48,086.78
SUBTOTAL -- SALARY + OVERHEAD	\$ 82,646.78
FIXED FEE @ 10% OF BARE COST + OVERHEAD	\$ 8,264.68
DIRECT EXPENSES (itemized)	\$
Production - Reproduction	\$500.00
Postage/Shipping/Messenger Service	\$200.00
Local Travel	\$300.00
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00
Miscellaneous	\$0.00
TOTAL DIRECT EXPENSES	\$ 1,000.00
TOTAL THIS TASK	\$ 91,911.46

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 4.1

FIRM: JACOBS

Design Review / Pedestal Pit / Wayside Power

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ -	\$ -
Staff 2	Sr. Consultant	36	\$ 127.58	\$ 4,592.88
Staff 3	Project Manager	42	\$ 124.05	\$ 5,210.10
Staff 4	Design/Planning Team Leader		\$ 100.00	\$ -
Staff 5	Project Specialist		\$ 100.00	\$ -
Staff 6	Supervising Eng/Plan	144	\$ 90.00	\$ 12,960.00
Staff 7	Principal Eng/Plan	180	\$ 75.00	\$ 13,500.00
Staff 8	Sr. Eng/Plan		\$ 65.00	\$ -
Staff 9	Engineer/Planner	108	\$ 45.00	\$ 4,860.00
Staff 10	Field Survey Staff		\$ 35.00	\$ -
Staff 11	CADD Tech	96	\$ 45.00	\$ 4,320.00
Staff 12	Intern/Clerical		\$ 30.00	\$ -
TOTAL ESTIMATED HOURS		606		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)		\$ 45,442.98
OVERHEAD @ 110.61% OF BARE COST		\$ 50,264.48
SUBTOTAL -- SALARY + OVERHEAD		\$ 95,707.46
FIXED FEE @ 10% OF BARE COST + OVERHEAD		\$ 9,570.75
DIRECT EXPENSES (itemized)		\$
Production - Reproduction	\$1,200.00	
Postage/Shipping/Messenger Service	\$300.00	
Local Travel	\$500.00	
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00	
Miscellaneous	\$0.00	
TOTAL DIRECT EXPENSES		\$ 2,000.00
TOTAL THIS TASK		\$ 107,278.21

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 4.2

FIRM: AECOM

Preliminary Design

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ 110.00	\$ -
Staff 2	Sr. Consultant	40	\$ 100.00	\$ 4,000.00
Staff 3	Project Manager	4	\$ 112.00	\$ 448.00
Staff 4	Design/Planning Team Leader		\$ 80.00	\$ -
Staff 5	Project Specialist		\$ 100.00	\$ -
Staff 6	Supervising Eng/Plan	40	\$ 70.00	\$ 2,800.00
Staff 7	Principal Eng/Plan	116	\$ 60.00	\$ 6,960.00
Staff 8	Sr. Eng/Plan		\$ 50.00	\$ -
Staff 9	Engineer/Planner		\$ 40.00	\$ -
Staff 10	Field Survey Staff		\$ 30.00	\$ -
Staff 11	CADD Tech		\$ 42.00	\$ -
Staff 12	Intern/Clerical		\$ 30.00	\$ -
TOTAL ESTIMATED HOURS		200		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)	\$	14,208.00
OVERHEAD @ 139.14% OF BARE COST	\$	19,769.01
SUBTOTAL -- SALARY + OVERHEAD	\$	33,977.01
FIXED FEE @ 10% OF BARE COST + OVERHEAD	\$	3,397.70
DIRECT EXPENSES (itemized)	\$	
Production - Reproduction	\$	300.00
Postage/Shipping/Messenger Service	\$	100.00
Local Travel	\$	0.00
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$	0.00
Miscellaneous	\$	0.00
TOTAL DIRECT EXPENSES	\$	400.00
TOTAL THIS TASK	\$	37,774.71

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 4.2

FIRM: JACOBS

Preliminary Design

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ -	\$ -
Staff 2	Sr. Consultant		\$ 127.58	\$ -
Staff 3	Project Manager		\$ 124.05	\$ -
Staff 4	Design/Planning Team Leader		\$ 100.00	\$ -
Staff 5	Project Specialist		\$ 100.00	\$ -
Staff 6	Supervising Eng/Plan	64	\$ 90.00	\$ 5,760.00
Staff 7	Principal Eng/Plan	40	\$ 75.00	\$ 3,000.00
Staff 8	Sr. Eng/Plan		\$ 65.00	\$ -
Staff 9	Engineer/Planner		\$ 45.00	\$ -
Staff 10	Field Survey Staff		\$ 35.00	\$ -
Staff 11	CADD Tech		\$ 45.00	\$ -
Staff 12	Intern/Clerical		\$ 30.00	\$ -
TOTAL ESTIMATED HOURS		104		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)		\$ 8,760.00
OVERHEAD @ 110.61% OF BARE COST		\$ 9,689.44
SUBTOTAL – SALARY + OVERHEAD		\$ 18,449.44
FIXED FEE @ 10% OF BARE COST + OVERHEAD		\$ 1,844.94
DIRECT EXPENSES (itemized)	\$	
Production - Reproduction	\$500.00	
Postage/Shipping/Messenger Service	\$200.00	
Local Travel	\$300.00	
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00	
Miscellaneous	\$0.00	
TOTAL DIRECT EXPENSES		\$ 1,000.00
TOTAL THIS TASK		\$ 21,294.38

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 4.2

FIRM: SSA

Preliminary Design

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ -	\$ -
Staff 2	Sr. Consultant	24	\$ 92.81	\$ 2,227.44
Staff 3	Project Manager		\$ 72.10	\$ -
Staff 4	Design/Planning Team Leader	12	\$ 72.10	\$ 865.20
Staff 5	Project Specialist		\$ -	\$ -
Staff 6	Supervising Eng/Plan	16	\$ 51.81	\$ 828.96
Staff 7	Principal Eng/Plan		\$ 48.00	\$ -
Staff 8	Sr. Eng/Plan		\$ -	\$ -
Staff 9	Engineer/Planner	8	\$ 31.50	\$ 252.00
Staff 10	Field Survey Staff		\$ 27.32	\$ -
Staff 11	CADD Tech		\$ -	\$ -
Staff 12	Intern/Clerical		\$ -	\$ -
TOTAL ESTIMATED HOURS		60		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)		\$ 4,173.60
OVERHEAD @ 132.00% OF BARE COST		\$ 5,509.15
SUBTOTAL -- SALARY + OVERHEAD		\$ 9,682.75
FIXED FEE @ 10% OF BARE COST + OVERHEAD		\$ 968.28
DIRECT EXPENSES (itemized)		\$
Production - Reproduction	\$200.00	
Postage/Shipping/Messenger Service	\$100.00	
Local Travel	\$200.00	
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00	
Miscellaneous	\$0.00	
TOTAL DIRECT EXPENSES		\$ 500.00
TOTAL THIS TASK		\$ 11,151.03

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 4.3

FIRM: AECOM

Update Design Criteria

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ 110.00	\$ -
Staff 2	Sr. Consultant		\$ 100.00	\$ -
Staff 3	Project Manager	4	\$ 112.00	\$ 448.00
Staff 4	Design/Planning Team Leader		\$ 80.00	\$ -
Staff 5	Project Specialist		\$ 100.00	\$ -
Staff 6	Supervising Eng/Plan	48	\$ 70.00	\$ 3,360.00
Staff 7	Principal Eng/Plan		\$ 60.00	\$ -
Staff 8	Sr. Eng/Plan		\$ 50.00	\$ -
Staff 9	Engineer/Planner		\$ 40.00	\$ -
Staff 10	Field Survey Staff		\$ 30.00	\$ -
Staff 11	CADD Tech		\$ 42.00	\$ -
Staff 12	Intern/Clerical	20	\$ 30.00	\$ 600.00
TOTAL ESTIMATED HOURS		72		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)	\$	4,408.00
OVERHEAD @ 139.14% OF BARE COST	\$	6,133.29
SUBTOTAL -- SALARY + OVERHEAD	\$	10,541.29
FIXED FEE @ 10% OF BARE COST + OVERHEAD	\$	1,054.13
DIRECT EXPENSES (itemized)	\$	
Production - Reproduction	\$100.00	
Postage/Shipping/Messenger Service	\$100.00	
Local Travel	\$0.00	
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00	
Miscellaneous	\$0.00	
TOTAL DIRECT EXPENSES	\$	200.00
TOTAL THIS TASK	\$	11,795.42

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 4.4

FIRM: AECOM

Track Design

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ 110.00	\$ -
Staff 2	Sr. Consultant	104	\$ 100.00	\$ 10,400.00
Staff 3	Project Manager	32	\$ 112.00	\$ 3,584.00
Staff 4	Design/Planning Team Leader		\$ 80.00	\$ -
Staff 5	Project Specialist		\$ 100.00	\$ -
Staff 6	Supervising Eng/Plan	306	\$ 70.00	\$ 21,420.00
Staff 7	Principal Eng/Plan	373	\$ 60.00	\$ 22,380.00
Staff 8	Sr. Eng/Plan		\$ 50.00	\$ -
Staff 9	Engineer/Planner		\$ 40.00	\$ -
Staff 10	Field Survey Staff		\$ 30.00	\$ -
Staff 11	CADD Tech	346	\$ 42.00	\$ 14,532.00
Staff 12	Intern/Clerical		\$ 30.00	\$ -
TOTAL ESTIMATED HOURS		1,161		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)		\$ 72,316.00
OVERHEAD @ 139.14% OF BARE COST		\$ 100,620.48
SUBTOTAL -- SALARY + OVERHEAD		\$ 172,936.48
FIXED FEE @ 10% OF BARE COST + OVERHEAD		\$ 17,293.65
DIRECT EXPENSES (itemized)		\$
Production - Reproduction		\$500.00
Postage/Shipping/Messenger Service		\$200.00
Local Travel		\$300.00
Overnight Travel (Travel, Car Rental, Hotel & Meals)		\$0.00
Miscellaneous		\$0.00
TOTAL DIRECT EXPENSES		\$ 1,000.00
TOTAL THIS TASK		\$ 191,230.13

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 4.4

FIRM: JACOBS

Track Design

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ -	\$ -
Staff 2	Sr. Consultant	120	\$ 127.58	\$ 15,309.60
Staff 3	Project Manager		\$ 124.05	\$ -
Staff 4	Design/Planning Team Leader		\$ 100.00	\$ -
Staff 5	Project Specialist		\$ 100.00	\$ -
Staff 6	Supervising Eng/Plan		\$ 90.00	\$ -
Staff 7	Principal Eng/Plan		\$ 75.00	\$ -
Staff 8	Sr. Eng/Plan		\$ 65.00	\$ -
Staff 9	Engineer/Planner		\$ 45.00	\$ -
Staff 10	Field Survey Staff		\$ 35.00	\$ -
Staff 11	CADD Tech		\$ 45.00	\$ -
Staff 12	Intern/Clerical		\$ 30.00	\$ -
TOTAL ESTIMATED HOURS		120		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)	\$ 15,309.60
OVERHEAD @ 110.61% OF BARE COST	\$ 16,933.95
SUBTOTAL -- SALARY + OVERHEAD	\$ 32,243.55
FIXED FEE @ 10% OF BARE COST + OVERHEAD	\$ 3,224.35
DIRECT EXPENSES (itemized)	\$
Production - Reproduction	\$200.00
Postage/Shipping/Messenger Service	\$100.00
Local Travel	\$200.00
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00
Miscellaneous	\$0.00
TOTAL DIRECT EXPENSES	\$ 500.00
TOTAL THIS TASK	\$ 35,967.90

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 4.5

FIRM: AECOM

Civil Design

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ 110.00	\$ -
Staff 2	Sr. Consultant	105	\$ 100.00	\$ 10,500.00
Staff 3	Project Manager	78	\$ 112.00	\$ 8,736.00
Staff 4	Design/Planning Team Leader		\$ 80.00	\$ -
Staff 5	Project Specialist		\$ 100.00	\$ -
Staff 6	Supervising Eng/Plan	244	\$ 70.00	\$ 17,080.00
Staff 7	Principal Eng/Plan	285	\$ 60.00	\$ 17,100.00
Staff 8	Sr. Eng/Plan		\$ 50.00	\$ -
Staff 9	Engineer/Planner		\$ 40.00	\$ -
Staff 10	Field Survey Staff		\$ 30.00	\$ -
Staff 11	CADD Tech	436	\$ 42.00	\$ 18,312.00
Staff 12	Intern/Clerical	12	\$ 30.00	\$ 360.00
TOTAL ESTIMATED HOURS		1,160		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)		\$ 72,088.00
OVERHEAD @ 139.14% OF BARE COST		\$ 100,303.24
SUBTOTAL -- SALARY + OVERHEAD		\$ 172,391.24
FIXED FEE @ 10% OF BARE COST + OVERHEAD		\$ 17,239.12
DIRECT EXPENSES (itemized)	\$	
Production - Reproduction	\$300.00	
Postage/Shipping/Messenger Service	\$100.00	
Local Travel	\$100.00	
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00	
Miscellaneous	\$0.00	
TOTAL DIRECT EXPENSES		\$ 500.00
TOTAL THIS TASK		\$ 190,130.37

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 4.6

FIRM: AECOM

Bridges, Building & Structures

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ 110.00	\$ -
Staff 2	Sr. Consultant	82	\$ 100.00	\$ 8,200.00
Staff 3	Project Manager	120	\$ 112.00	\$ 13,440.00
Staff 4	Design/Planning Team Leader		\$ 80.00	\$ -
Staff 5	Project Specialist		\$ 100.00	\$ -
Staff 6	Supervising Eng/Plan	118	\$ 70.00	\$ 8,260.00
Staff 7	Principal Eng/Plan	442	\$ 60.00	\$ 26,520.00
Staff 8	Sr. Eng/Plan		\$ 50.00	\$ -
Staff 9	Engineer/Planner	450	\$ 40.00	\$ 18,000.00
Staff 10	Field Survey Staff		\$ 30.00	\$ -
Staff 11	CADD Tech	488	\$ 42.00	\$ 20,496.00
Staff 12	Intern/Clerical		\$ 30.00	\$ -
TOTAL ESTIMATED HOURS		1,700		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)	\$	94,916.00
OVERHEAD @ 139.14% OF BARE COST		\$ 132,066.12
SUBTOTAL -- SALARY + OVERHEAD		\$ 226,982.12
FIXED FEE @ 10% OF BARE COST + OVERHEAD		\$ 22,698.21
DIRECT EXPENSES (itemized)	\$	
Production - Reproduction	\$300.00	
Postage/Shipping/Messenger Service	\$100.00	
Local Travel	\$100.00	
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00	
Miscellaneous	\$0.00	
TOTAL DIRECT EXPENSES		\$ 500.00
TOTAL THIS TASK		\$ 250,180.33

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 4.6

FIRM: JACOBS

Bridges, Building & Structures

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ -	\$ -
Staff 2	Sr. Consultant	50	\$ 127.58	\$ 6,379.00
Staff 3	Project Manager	175	\$ 124.05	\$ 21,708.75
Staff 4	Design/Planning Team Leader		\$ 100.00	\$ -
Staff 5	Project Specialist		\$ 100.00	\$ -
Staff 6	Supervising Eng/Plan	214	\$ 90.00	\$ 19,260.00
Staff 7	Principal Eng/Plan	573	\$ 75.00	\$ 42,975.00
Staff 8	Sr. Eng/Plan		\$ 65.00	\$ -
Staff 9	Engineer/Planner	445	\$ 45.00	\$ 20,025.00
Staff 10	Field Survey Staff		\$ 35.00	\$ -
Staff 11	CADD Tech	365	\$ 45.00	\$ 16,425.00
Staff 12	Intern/Clerical		\$ 30.00	\$ -
TOTAL ESTIMATED HOURS		1,822		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)	\$ 126,772.75
OVERHEAD @ 110.61% OF BARE COST	\$ 140,223.34
SUBTOTAL -- SALARY + OVERHEAD	\$ 266,996.09
FIXED FEE @ 10% OF BARE COST + OVERHEAD	\$ 26,699.61
DIRECT EXPENSES (itemized)	\$
Production - Reproduction	\$1,000.00
Postage/Shipping/Messenger Service	\$200.00
Local Travel	\$600.00
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00
Miscellaneous	\$0.00
TOTAL DIRECT EXPENSES	\$ 1,800.00
TOTAL THIS TASK	\$ 295,495.70

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 4.6

FIRM: SSA

Bridges, Building & Structures

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ -	\$ -
Staff 2	Sr. Consultant	64	\$ 92.81	\$ 5,939.84
Staff 3	Project Manager	92	\$ 72.10	\$ 6,633.20
Staff 4	Design/Planning Team Leader		\$ 72.10	\$ -
Staff 5	Project Specialist		\$ -	\$ -
Staff 6	Supervising Eng/Plan	80	\$ 51.81	\$ 4,144.80
Staff 7	Principal Eng/Plan	132	\$ 48.00	\$ 6,336.00
Staff 8	Sr. Eng/Plan		\$ -	\$ -
Staff 9	Engineer/Planner	80	\$ 31.50	\$ 2,520.00
Staff 10	Field Survey Staff		\$ 27.32	\$ -
Staff 11	CADD Tech	240	\$ 30.98	\$ 7,435.20
Staff 12	Intern/Clerical		\$ -	\$ -
TOTAL ESTIMATED HOURS		688		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)	\$	33,009.04
OVERHEAD @ 132.00% OF BARE COST		\$ 43,571.93
SUBTOTAL -- SALARY + OVERHEAD		\$ 76,580.97
FIXED FEE @ 10% OF BARE COST + OVERHEAD		\$ 7,658.10
DIRECT EXPENSES (itemized)	\$	
Production - Reproduction	\$600.00	
Postage/Shipping/Messenger Service	\$100.00	
Local Travel	\$800.00	
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00	
Miscellaneous	\$0.00	
TOTAL DIRECT EXPENSES		\$ 1,500.00
TOTAL THIS TASK		\$ 85,739.07

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 4.7

FIRM: AECOM

Traction Power/Electrical Design

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ 110.00	\$ -
Staff 2	Sr. Consultant	116	\$ 100.00	\$ 11,600.00
Staff 3	Project Manager	80	\$ 112.00	\$ 8,960.00
Staff 4	Design/Planning Team Leader		\$ 80.00	\$ -
Staff 5	Project Specialist		\$ 100.00	\$ -
Staff 6	Supervising Eng/Plan	400	\$ 70.00	\$ 28,000.00
Staff 7	Principal Eng/Plan	600	\$ 60.00	\$ 36,000.00
Staff 8	Sr. Eng/Plan		\$ 50.00	\$ -
Staff 9	Engineer/Planner		\$ 40.00	\$ -
Staff 10	Field Survey Staff		\$ 30.00	\$ -
Staff 11	CADD Tech	400	\$ 42.00	\$ 16,800.00
Staff 12	Intern/Clerical		\$ 30.00	\$ -
TOTAL ESTIMATED HOURS		1,596		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)	\$ 101,360.00
OVERHEAD @ 139.14% OF BARE COST	\$ 141,032.30
SUBTOTAL -- SALARY + OVERHEAD	\$ 242,392.30
FIXED FEE @ 10% OF BARE COST + OVERHEAD	\$ 24,239.23
DIRECT EXPENSES (itemized)	\$
Production - Reproduction	\$400.00
Postage/Shipping/Messenger Service	\$100.00
Local Travel	\$300.00
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00
Miscellaneous	
TOTAL DIRECT EXPENSES	\$ 800.00
TOTAL THIS TASK	\$ 267,431.53

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 4.8

FIRM: AECOM

Signal Systems

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ 110.00	\$ -
Staff 2	Sr. Consultant	184	\$ 100.00	\$ 18,400.00
Staff 3	Project Manager		\$ 112.00	\$ -
Staff 4	Design/Planning Team Leader		\$ 80.00	\$ -
Staff 5	Project Specialist		\$ 100.00	\$ -
Staff 6	Supervising Eng/Plan		\$ 70.00	\$ -
Staff 7	Principal Eng/Plan		\$ 60.00	\$ -
Staff 8	Sr. Eng/Plan		\$ 50.00	\$ -
Staff 9	Engineer/Planner		\$ 40.00	\$ -
Staff 10	Field Survey Staff		\$ 30.00	\$ -
Staff 11	CADD Tech		\$ 42.00	\$ -
Staff 12	Intern/Clerical		\$ 30.00	\$ -
TOTAL ESTIMATED HOURS		184		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)	\$ 18,400.00
OVERHEAD @ 139.14% OF BARE COST	\$ 25,601.76
SUBTOTAL -- SALARY + OVERHEAD	\$ 44,001.76
FIXED FEE @ 10% OF BARE COST + OVERHEAD	\$ 4,400.18
DIRECT EXPENSES (itemized)	\$
Production - Reproduction	\$0.00
Postage/Shipping/Messenger Service	\$0.00
Local Travel	\$0.00
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00
Miscellaneous	\$0.00
TOTAL DIRECT EXPENSES	\$ -
TOTAL THIS TASK	\$ 48,401.94

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 4.9

FIRM: AECOM

Cost and Schedule

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ 110.00	\$ -
Staff 2	Sr. Consultant		\$ 100.00	\$ -
Staff 3	Project Manager	40	\$ 112.00	\$ 4,480.00
Staff 4	Design/Planning Team Leader		\$ 80.00	\$ -
Staff 5	Project Specialist		\$ 100.00	\$ -
Staff 6	Supervising Eng/Plan		\$ 70.00	\$ -
Staff 7	Principal Eng/Plan		\$ 60.00	\$ -
Staff 8	Sr. Eng/Plan		\$ 50.00	\$ -
Staff 9	Engineer/Planner		\$ 40.00	\$ -
Staff 10	Field Survey Staff		\$ 30.00	\$ -
Staff 11	CADD Tech		\$ 42.00	\$ -
Staff 12	Intern/Clerical		\$ 30.00	\$ -
TOTAL ESTIMATED HOURS		40		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)	\$	4,480.00
OVERHEAD @ 139.14% OF BARE COST	\$	6,233.47
SUBTOTAL -- SALARY + OVERHEAD	\$	10,713.47
FIXED FEE @ 10% OF BARE COST + OVERHEAD	\$	1,071.35
DIRECT EXPENSES (itemized)	\$	
Production - Reproduction	\$0.00	
Postage/Shipping/Messenger Service	\$0.00	
Local Travel	\$0.00	
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00	
Miscellaneous	\$0.00	
TOTAL DIRECT EXPENSES	\$	-
TOTAL THIS TASK	\$	11,784.82

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 4.9

FIRM:

Jois Construction Management System, Inc. (JCMS)

Cost and Schedule

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ 82.00	\$ -
Staff 2	Chief Cost Estimator	40	\$ 84.00	\$ 3,360.00
Staff 3	Sr. Cost Estimator	120	\$ 66.00	\$ 7,920.00
Staff 4	Sr. Scheduling Engineer	16	\$ 59.00	\$ 944.00
Staff 5	Cost Estimator	320	\$ 51.00	\$ 16,320.00
Staff 6	Scheduling Engineer	88	\$ 51.00	\$ 4,488.00
Staff 7	Technical Support	40	\$ 34.00	\$ 1,360.00
Staff 8	TBD		\$ -	\$ -
Staff 9	TBD		\$ -	\$ -
Staff 10	TBD		\$ -	\$ -
TOTAL ESTIMATED HOURS		624		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)		\$34,392.00
OVERHEAD @ 117.54 % OF BARE COST		\$40,424.36
SUBTOTAL -- SALARY + OVERHEAD		\$ 74,816.36
FIXED FEE @ 10% OF BARE COST + OVERHEAD		\$ 7,481.64
DIRECT EXPENSES (itemized)	\$	
Production - Reproduction	\$400.00	
Postage/Shipping/Messenger Service	\$100.00	
Local Travel	\$500.00	
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00	
Miscellaneous	\$0.00	
TOTAL DIRECT EXPENSES		\$1,000.00
TOTAL THIS TASK		\$83,297.99

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 4.10

FIRM: AECOM

Supplemental Survey

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ 110.00	\$ -
Staff 2	Sr. Consultant	40	\$ 100.00	\$ 4,000.00
Staff 3	Project Manager	8	\$ 112.00	\$ 896.00
Staff 4	Design/Planning Team Leader		\$ 80.00	\$ -
Staff 5	Project Specialist		\$ 100.00	\$ -
Staff 6	Supervising Eng/Plan	64	\$ 70.00	\$ 4,480.00
Staff 7	Principal Eng/Plan		\$ 60.00	\$ -
Staff 8	Sr. Eng/Plan		\$ 50.00	\$ -
Staff 9	Engineer/Planner	24	\$ 40.00	\$ 960.00
Staff 10	Field Survey Staff		\$ 30.00	\$ -
Staff 11	CADD Tech	40	\$ 42.00	\$ 1,680.00
Staff 12	Intern/Clerical	8	\$ 30.00	\$ 240.00
TOTAL ESTIMATED HOURS		184		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)	\$ 12,256.00
OVERHEAD @ 139.14% OF BARE COST	\$ 17,053.00
SUBTOTAL -- SALARY + OVERHEAD	\$ 29,309.00
FIXED FEE @ 10% OF BARE COST + OVERHEAD	\$ 2,930.90
DIRECT EXPENSES (itemized)	\$
Production - Reproduction	\$200.00
Postage/Shipping/Messenger Service	\$100.00
Local Travel	\$200.00
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00
Miscellaneous	
TOTAL DIRECT EXPENSES	\$ 500.00
TOTAL THIS TASK	\$ 32,739.90

NJ TRANSIT Resilience Program
Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 4.10

FIRM: Naik

Supplemental Survey

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal	24	\$ 90.00	\$ 2,160.00
Staff 2	Design Team Leader	80	\$ 73.36	\$ 5,868.80
Staff 3	Supervising Engineer	320	\$ 68.74	\$ 21,996.80
Staff 4	Principal Engineer	240	\$ 61.10	\$ 14,664.00
Staff 5	Sr. Engineer	200	\$ 59.93	\$ 11,986.00
Staff 6	Field Staff		\$ 30.75	\$ -
Staff 7	CAD Tech	360	\$ 41.40	\$ 14,904.00
			\$ -	\$ -
			\$ -	\$ -
			\$ -	\$ -
TOTAL ESTIMATED HOURS		1224		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)	\$71,579.60
OVERHEAD @ 132.28 % OF BARE COST	\$94,685.49
SUBTOTAL -- SALARY + OVERHEAD	\$ 166,265.09
FIXED FEE @ 10% OF BARE COST + OVERHEAD	\$ 16,626.51
DIRECT EXPENSES (itemized)	\$
Production - Reproduction	\$500.00
Postage/Shipping/Messenger Service	\$100.00
Local Travel	\$1,000.00
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00
Miscellaneous	\$0.00
TOTAL DIRECT EXPENSES	\$1,600.00
TOTAL THIS TASK	\$184,491.60

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 4.11

FIRM: AECOM

Utility Relocation Preliminary Estimates

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ 110.00	\$ -
Staff 2	Sr. Consultant	80	\$ 100.00	\$ 8,000.00
Staff 3	Project Manager	28	\$ 112.00	\$ 3,136.00
Staff 4	Design/Planning Team Leader		\$ 80.00	\$ -
Staff 5	Project Specialist		\$ 100.00	\$ -
Staff 6	Supervising Eng/Plan	128	\$ 70.00	\$ 8,960.00
Staff 7	Principal Eng/Plan		\$ 60.00	\$ -
Staff 8	Sr. Eng/Plan		\$ 50.00	\$ -
Staff 9	Engineer/Planner		\$ 40.00	\$ -
Staff 10	Field Survey Staff		\$ 30.00	\$ -
Staff 11	CADD Tech	120	\$ 42.00	\$ 5,040.00
Staff 12	Intern/Clerical		\$ 30.00	\$ -
TOTAL ESTIMATED HOURS		356		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)	\$ 25,136.00
OVERHEAD @ 139.14% OF BARE COST	\$ 34,974.23
SUBTOTAL -- SALARY + OVERHEAD	\$ 60,110.23
FIXED FEE @ 10% OF BARE COST + OVERHEAD	\$ 6,011.02
DIRECT EXPENSES (Itemized)	\$
Production - Reproduction	\$200.00
Postage/Shipping/Messenger Service	\$100.00
Local Travel	\$200.00
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00
Miscellaneous	\$0.00
TOTAL DIRECT EXPENSES	\$ 500.00
TOTAL THIS TASK	\$ 66,621.25

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 4.11

FIRM:

Jois Construction Management
System, Inc. (JCMS)

Utility Relocation Preliminary Estimates

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ 82.00	\$ -
Staff 2	Chief Cost Estimator	16	\$ 84.00	\$ 1,344.00
Staff 3	Sr. Cost Estimator	32	\$ 66.00	\$ 2,112.00
Staff 4	Sr. Scheduling Engineer		\$ 59.00	\$ -
Staff 5	Cost Estimator	68	\$ 51.00	\$ 3,468.00
Staff 6	Scheduling Engineer		\$ 51.00	\$ -
Staff 7	Technical Support	8	\$ 34.00	\$ 272.00
Staff 8	TBD		\$ -	\$ -
Staff 9	TBD		\$ -	\$ -
Staff 10	TBD		\$ -	\$ -
TOTAL ESTIMATED HOURS		124		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)		\$7,196.00
OVERHEAD @ 117.54 % OF BARE COST		\$8,458.18
SUBTOTAL -- SALARY + OVERHEAD		\$ 15,654.18
FIXED FEE @ 10% OF BARE COST + OVERHEAD		\$ 1,565.42
DIRECT EXPENSES (itemized)	\$	
Production - Reproduction	\$200.00	
Postage/Shipping/Messenger Service	\$100.00	
Local Travel	\$200.00	
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00	
Miscellaneous	\$0.00	
TOTAL DIRECT EXPENSES		\$500.00
TOTAL THIS TASK		\$17,719.60

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 4.12

FIRM: Yu & Associates, Inc. (Yu)

Geotechnical Investigations

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal	38	\$ 97.11	\$ 3,690.18
Staff 2	Senior Consultant	72	\$ 74.68	\$ 5,376.96
Staff 3	Design/Planning Team Leader		\$ -	\$ -
Staff 4	Project Specialist		\$ -	\$ -
Staff 5	Supervising Eng/Arch/Plan	228	\$ 55.94	\$ 12,754.32
Staff 6	Principal Eng/Arch/Plan	224	\$ 42.46	\$ 9,511.04
Staff 7	Senior Eng/Arch/Plan		\$ 42.46	\$ -
Staff 8	Eng/Arch/Plan	280	\$ 34.42	\$ 9,637.60
Staff 9	CAD Tech	96	\$ 30.80	\$ 2,956.80
Staff 10	Admin		\$ -	\$ -
TOTAL ESTIMATED HOURS		938		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)		\$43,926.90
OVERHEAD @ 168.00 % OF BARE COST		\$73,797.19
SUBTOTAL -- SALARY + OVERHEAD		\$ 117,724.09
FIXED FEE @ 10% OF BARE COST + OVERHEAD		\$ 11,772.41
DIRECT EXPENSES (itemized)		\$
Production - Reproduction		\$400.00
Postage/Shipping/Messenger Service		\$100.00
Local Travel		\$2,000.00
Overnight Travel (Travel, Car Rental, Hotel & Meals)		\$0.00
Miscellaneous (Drilling Subcontractor)		\$86,042.00
TOTAL DIRECT EXPENSES		\$88,542.00
TOTAL THIS TASK		\$218,038.50

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 4.13

FIRM: AECOM

Environmental

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ 110.00	\$ -
Staff 2	Sr. Consultant	32	\$ 100.00	\$ 3,200.00
Staff 3	Project Manager	24	\$ 112.00	\$ 2,688.00
Staff 4	Design/Planning Team Leader		\$ 80.00	\$ -
Staff 5	Project Specialist		\$ 100.00	\$ -
Staff 6	Supervising Eng/Plan	80	\$ 70.00	\$ 5,600.00
Staff 7	Principal Eng/Plan		\$ 60.00	\$ -
Staff 8	Sr. Eng/Plan		\$ 50.00	\$ -
Staff 9	Engineer/Planner		\$ 40.00	\$ -
Staff 10	Field Survey Staff		\$ 30.00	\$ -
Staff 11	CADD Tech	104	\$ 42.00	\$ 4,368.00
Staff 12	Intern/Clerical		\$ 30.00	\$ -
TOTAL ESTIMATED HOURS		240		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)	\$	15,856.00
OVERHEAD @ 139.14% OF BARE COST	\$	22,062.04
SUBTOTAL – SALARY + OVERHEAD	\$	37,918.04
FIXED FEE @ 10% OF BARE COST + OVERHEAD	\$	3,791.80
DIRECT EXPENSES (itemized)	\$	
Production - Reproduction	\$500.00	
Postage/Shipping/Messenger Service	\$200.00	
Local Travel	\$500.00	
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00	
Miscellaneous	\$0.00	
TOTAL DIRECT EXPENSES	\$	1,200.00
TOTAL THIS TASK	\$	42,909.84

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 4.14

FIRM: JACOBS

Optional Pedestal Pit

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ -	\$ -
Staff 2	Sr. Consultant	43	\$ 127.58	\$ 5,485.94
Staff 3	Project Manager	32	\$ 124.05	\$ 3,969.60
Staff 4	Design/Planning Team Leader		\$ 100.00	\$ -
Staff 5	Project Specialist		\$ 100.00	\$ -
Staff 6	Supervising Eng/Plan	96	\$ 90.00	\$ 8,640.00
Staff 7	Principal Eng/Plan	333	\$ 75.00	\$ 24,975.00
Staff 8	Sr. Eng/Plan		\$ 65.00	\$ -
Staff 9	Engineer/Planner	333	\$ 45.00	\$ 14,985.00
Staff 10	Field Survey Staff		\$ 35.00	\$ -
Staff 11	CADD Tech	332	\$ 45.00	\$ 14,940.00
Staff 12	Intern/Clerical		\$ 30.00	\$ -
TOTAL ESTIMATED HOURS		1,169		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)	\$ 72,995.54
OVERHEAD @ 110.61% OF BARE COST	\$ 80,740.37
SUBTOTAL -- SALARY + OVERHEAD	\$ 153,735.91
FIXED FEE @ 10% OF BARE COST + OVERHEAD	\$ 15,373.59
DIRECT EXPENSES (itemized)	\$
Production - Reproduction	\$1,000.00
Postage/Shipping/Messenger Service	\$500.00
Local Travel	\$1,000.00
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00
Miscellaneous	\$0.00
TOTAL DIRECT EXPENSES	\$ 2,500.00
TOTAL THIS TASK	\$ 171,609.50

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 4.15

FIRM: AECOM

Value Engineering

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ 110.00	\$ -
Staff 2	Sr. Consultant	48	\$ 100.00	\$ 4,800.00
Staff 3	Project Manager	56	\$ 112.00	\$ 6,272.00
Staff 4	Design/Planning Team Leader		\$ 80.00	\$ -
Staff 5	Project Specialist		\$ 100.00	\$ -
Staff 6	Supervising Eng/Plan	48	\$ 70.00	\$ 3,360.00
Staff 7	Principal Eng/Plan		\$ 60.00	\$ -
Staff 8	Sr. Eng/Plan		\$ 50.00	\$ -
Staff 9	Engineer/Planner		\$ 40.00	\$ -
Staff 10	Field Survey Staff		\$ 30.00	\$ -
Staff 11	CADD Tech		\$ 42.00	\$ -
Staff 12	Intern/Clerical		\$ 30.00	\$ -
TOTAL ESTIMATED HOURS		152		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)	\$ 14,432.00
OVERHEAD @ 139.14% OF BARE COST	\$ 20,080.68
SUBTOTAL -- SALARY + OVERHEAD	\$ 34,512.68
FIXED FEE @ 10% OF BARE COST + OVERHEAD	\$ 3,451.27
DIRECT EXPENSES (itemized)	\$
Production - Reproduction	\$600.00
Postage/Shipping/Messenger Service	\$200.00
Local Travel	\$200.00
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00
Miscellaneous (VE Team support / catering)	\$2,000.00
TOTAL DIRECT EXPENSES	\$ 3,000.00
TOTAL THIS TASK	\$ 40,963.95

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 4.15

FIRM: VJA

Value Engineering

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ -	\$ -
Staff 2	Sr. Consultant	100	\$ 79.10	\$ 7,910.00
Staff 3	Project Manager	160	\$ 85.82	\$ 13,731.20
Staff 4	Design/Planning Team Leader	80	\$ 69.47	\$ 5,557.60
Staff 5	Project Specialist	80	\$ 97.84	\$ 7,827.20
Staff 6	Supervising Eng/Plan	240	\$ 85.51	\$ 20,522.40
Staff 7	Principal Eng/Plan	80	\$ 42.75	\$ 3,420.00
Staff 8	Sr. Eng/Plan	80	\$ 51.39	\$ 4,111.20
Staff 9	Engineer/Planner	80	\$ 35.97	\$ 2,877.60
Staff 10	Field Survey Staff	80	\$ 30.84	\$ 2,467.20
Staff 11	CADD Tech		\$ -	\$ -
Staff 12	Intern/Clerical		\$ -	\$ -
TOTAL ESTIMATED HOURS		980		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)		\$ 68,424.40
OVERHEAD @ 112.66% OF BARE COST		\$ 77,086.93
SUBTOTAL -- SALARY + OVERHEAD		\$ 145,511.33
FIXED FEE @ 10% OF BARE COST + OVERHEAD		\$ 14,551.13
DIRECT EXPENSES (itemized)	\$	
Production - Reproduction	\$1,000.00	
Postage/Shipping/Messenger Service	\$200.00	
Local Travel	\$1,000.00	
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00	
Miscellaneous	\$0.00	
TOTAL DIRECT EXPENSES		\$ 2,200.00
TOTAL THIS TASK		\$ 162,262.46

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 4.16

FIRM: AECOM

As-Directed Preliminary Design

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ 110.00	\$ -
Staff 2	Sr. Consultant	160	\$ 100.00	\$ 16,000.00
Staff 3	Project Manager	64	\$ 112.00	\$ 7,168.00
Staff 4	Design/Planning Team Leader		\$ 80.00	\$ -
Staff 5	Project Specialist		\$ 100.00	\$ -
Staff 6	Supervising Eng/Plan	416	\$ 70.00	\$ 29,120.00
Staff 7	Principal Eng/Plan	415	\$ 60.00	\$ 24,900.00
Staff 8	Sr. Eng/Plan		\$ 50.00	\$ -
Staff 9	Engineer/Planner	305	\$ 40.00	\$ 12,200.00
Staff 10	Field Survey Staff		\$ 30.00	\$ -
Staff 11	CADD Tech	640	\$ 42.00	\$ 26,880.00
Staff 12	Intern/Clerical		\$ 30.00	\$ -
TOTAL ESTIMATED HOURS		2,000		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)	\$ 116,268.00
OVERHEAD @ 139.14% OF BARE COST	\$ 161,775.30
SUBTOTAL -- SALARY + OVERHEAD	\$ 278,043.30
FIXED FEE @ 10% OF BARE COST + OVERHEAD	\$ 27,804.33
DIRECT EXPENSES (itemized)	\$
Production - Reproduction	\$200.00
Postage/Shipping/Messenger Service	\$0.00
Local Travel	\$200.00
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00
Miscellaneous	\$0.00
TOTAL DIRECT EXPENSES	\$ 400.00
TOTAL THIS TASK	\$ 306,247.62

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 5.1

FIRM: AECOM

Design Development (60% Design)

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ 110.00	\$ -
Staff 2	Sr. Consultant	376	\$ 103.00	\$ 38,728.00
Staff 3	Project Manager	352	\$ 115.36	\$ 40,606.72
Staff 4	Design/Planning Team Leader		\$ 80.00	\$ -
Staff 5	Project Specialist		\$ 100.00	\$ -
Staff 6	Supervising Eng/Plan	1,321	\$ 72.10	\$ 95,244.10
Staff 7	Principal Eng/Plan	1,582	\$ 61.80	\$ 97,767.60
Staff 8	Sr. Eng/Plan		\$ 50.00	\$ -
Staff 9	Engineer/Planner	920	\$ 41.20	\$ 37,904.00
Staff 10	Field Survey Staff		\$ 30.00	\$ -
Staff 11	CADD Tech	928	\$ 43.26	\$ 40,145.28
Staff 12	Intern/Clerical	8	\$ 30.90	\$ 247.20
TOTAL ESTIMATED HOURS		5,487		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)	\$	350,642.90
OVERHEAD @ 139.14% OF BARE COST		487,884.53
SUBTOTAL -- SALARY + OVERHEAD		838,527.43
FIXED FEE @ 10% OF BARE COST + OVERHEAD		83,852.74
DIRECT EXPENSES (Itemized)	\$	
Production - Reproduction	\$1,000.00	
Postage/Shipping/Messenger Service	\$500.00	
Local Travel	\$1,000.00	
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00	
Miscellaneous		
TOTAL DIRECT EXPENSES		\$ 2,500.00
TOTAL THIS TASK		\$ 924,880.17

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 5.1

FIRM: JACOBS

Design Development (60% Design)

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ -	\$ -
Staff 2	Sr. Consultant	35	\$ 131.41	\$ 4,599.26
Staff 3	Project Manager	40	\$ 127.77	\$ 5,110.86
Staff 4	Design/Planning Team Leader		\$ 100.00	\$ -
Staff 5	Project Specialist		\$ 100.00	\$ -
Staff 6	Supervising Eng/Plan	148	\$ 92.70	\$ 13,719.60
Staff 7	Principal Eng/Plan	257	\$ 77.25	\$ 19,853.25
Staff 8	Sr. Eng/Plan		\$ 65.00	\$ -
Staff 9	Engineer/Planner	177	\$ 46.35	\$ 8,203.95
Staff 10	Field Survey Staff		\$ 35.00	\$ -
Staff 11	CADD Tech	137	\$ 46.35	\$ 6,349.95
Staff 12	Intern/Clerical		\$ 30.00	\$ -
TOTAL ESTIMATED HOURS		794		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)	\$	57,836.87
OVERHEAD @ 110.61% OF BARE COST		\$ 63,973.36
SUBTOTAL -- SALARY + OVERHEAD		\$ 121,810.23
FIXED FEE @ 10% OF BARE COST + OVERHEAD		\$ 12,181.02
DIRECT EXPENSES (itemized)	\$	
Production - Reproduction	\$1,500.00	
Postage/Shipping/Messenger Service	\$500.00	
Local Travel	\$1,000.00	
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$2,000.00	
Miscellaneous	\$0.00	
TOTAL DIRECT EXPENSES		\$ 5,000.00
TOTAL THIS TASK		\$ 138,991.25

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 5.1

FIRM: Naik

Design Development (60% Design)

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ 92.70	\$ -
Staff 2	Design Team Leader		\$ 75.56	\$ -
Staff 3	Supervising Engineer		\$ 70.80	\$ -
Staff 4	Principal Engineer		\$ 62.93	\$ -
Staff 5	Sr. Engineer		\$ 61.73	\$ -
Staff 6	Field Staff		\$ 31.67	\$ -
Staff 7	CAD Tech	900	\$ 42.64	\$ 38,377.80
			\$ -	\$ -
			\$ -	\$ -
			\$ -	\$ -
TOTAL ESTIMATED HOURS		900		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)		\$38,377.80
OVERHEAD @ 163.00 % OF BARE COST		\$50,766.15
SUBTOTAL – SALARY + OVERHEAD	\$	89,143.95
FIXED FEE @ 10% OF BARE COST + OVERHEAD	\$	8,914.40
DIRECT EXPENSES (itemized)	\$	
Production - Reproduction	\$500.00	
Postage/Shipping/Messenger Service	\$0.00	
Local Travel	\$500.00	
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00	
Miscellaneous		
TOTAL DIRECT EXPENSES		\$1,000.00
TOTAL THIS TASK		\$99,058.35

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 5.1.1

FIRM: JACOBS

Design Development (60% Design)

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ -	\$ -
Staff 2	Sr. Consultant	36	\$ 131.41	\$ 4,730.67
Staff 3	Project Manager	36	\$ 127.77	\$ 4,599.77
Staff 4	Design/Planning Team Leader		\$ 100.00	\$ -
Staff 5	Project Specialist		\$ 100.00	\$ -
Staff 6	Supervising Eng/Plan	84	\$ 92.70	\$ 7,786.80
Staff 7	Principal Eng/Plan	260	\$ 77.25	\$ 20,085.00
Staff 8	Sr. Eng/Plan		\$ 65.00	\$ -
Staff 9	Engineer/Planner	260	\$ 46.35	\$ 12,051.00
Staff 10	Field Survey Staff		\$ 35.00	\$ -
Staff 11	CADD Tech	260	\$ 46.35	\$ 12,051.00
Staff 12	Intern/Clerical		\$ 30.00	\$ -
TOTAL ESTIMATED HOURS		936		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)	\$	61,304.24
OVERHEAD @ 110.61% OF BARE COST		\$ 67,808.62
SUBTOTAL -- SALARY + OVERHEAD		\$ 129,112.86
FIXED FEE @ 10% OF BARE COST + OVERHEAD		\$ 12,911.29
DIRECT EXPENSES (itemized)	\$	
Production - Reproduction	\$1,500.00	
Postage/Shipping/Messenger Service	\$500.00	
Local Travel	\$1,000.00	
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$2,000.00	
Miscellaneous	\$0.00	
TOTAL DIRECT EXPENSES		\$ 5,000.00
TOTAL THIS TASK		\$ 147,024.15

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 5.1

FIRM:

Jois Construction Management
System, Inc. (JCMS)

Design Development (60% Design)

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ 82.00	\$ -
Staff 2	Chief Cost Estimator	48	\$ 86.52	\$ 4,152.96
Staff 3	Sr. Cost Estimator	120	\$ 67.98	\$ 8,157.60
Staff 4	Sr. Scheduling Engineer	16	\$ 60.77	\$ 972.32
Staff 5	Cost Estimator	260	\$ 52.53	\$ 13,657.80
Staff 6	Scheduling Engineer	88	\$ 52.53	\$ 4,622.64
Staff 7	Technical Support	64	\$ 35.02	\$ 2,241.28
Staff 8	TBD		\$ -	\$ -
Staff 9	TBD		\$ -	\$ -
Staff 10	TBD		\$ -	\$ -
TOTAL ESTIMATED HOURS		596		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)		\$33,804.60
OVERHEAD @ 117.54 % OF BARE COST		\$39,733.93
SUBTOTAL -- SALARY + OVERHEAD		\$ 73,538.53
FIXED FEE @ 10% OF BARE COST + OVERHEAD		\$ 7,353.85
DIRECT EXPENSES (itemized)	\$	\$200.00
Production - Reproduction	\$100.00	
Postage/Shipping/Messenger Service	\$0.00	
Local Travel	\$100.00	
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00	
Miscellaneous	\$0.00	
TOTAL DIRECT EXPENSES		\$200.00
TOTAL THIS TASK		\$81,092.38

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 5.1

FIRM: Yu & Associates, Inc. (Yu)

Design Development (60% Design)

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal	6	\$ 100.02	\$ 600.14
Staff 2	Senior Consultant	16	\$ 76.92	\$ 1,230.73
Staff 3	Design/Planning Team Leader		\$ -	\$ -
Staff 4	Project Specialist		\$ -	\$ -
Staff 5	Supervising Eng/Arch/Plan	40	\$ 57.62	\$ 2,304.73
Staff 6	Principal Eng/Arch/Plan	40	\$ 43.73	\$ 1,749.35
Staff 7	Senior Eng/Arch/Plan		\$ 42.46	\$ -
Staff 8	Eng/Arch/Plan		\$ 34.42	\$ -
Staff 9	CAD Tech		\$ 30.80	\$ -
Staff 10	Admin		\$ -	\$ -
TOTAL ESTIMATED HOURS		102		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)	\$	\$5,884.95
OVERHEAD @ 168.00 % OF BARE COST		\$9,886.71
SUBTOTAL -- SALARY + OVERHEAD	\$	15,771.66
FIXED FEE @ 10% OF BARE COST + OVERHEAD		\$ 1,577.17
DIRECT EXPENSES (itemized)	\$	
Production - Reproduction	\$100.00	
Postage/Shipping/Messenger Service	\$100.00	
Local Travel	\$500.00	
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00	
Miscellaneous	\$0.00	
TOTAL DIRECT EXPENSES		\$700.00
TOTAL THIS TASK		\$18,048.82

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 5.2

FIRM: AECOM

Final Design (90% Complete Documents)

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ 110.00	\$ -
Staff 2	Sr. Consultant	244	\$ 103.00	\$ 25,132.00
Staff 3	Project Manager	208	\$ 115.36	\$ 23,994.88
Staff 4	Design/Planning Team Leader		\$ 80.00	\$ -
Staff 5	Project Specialist		\$ 100.00	\$ -
Staff 6	Supervising Eng/Plan	884	\$ 72.10	\$ 63,736.40
Staff 7	Principal Eng/Plan	820	\$ 61.80	\$ 50,676.00
Staff 8	Sr. Eng/Plan		\$ 50.00	\$ -
Staff 9	Engineer/Planner	488	\$ 41.20	\$ 20,105.60
Staff 10	Field Survey Staff		\$ 30.00	\$ -
Staff 11	CADD Tech	1672	\$ 43.26	\$ 72,330.72
Staff 12	Intern/Clerical		\$ 30.00	\$ -
TOTAL ESTIMATED HOURS		4,316		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)			\$ 255,975.60
OVERHEAD @ 139.14% OF BARE COST			\$ 356,164.45
SUBTOTAL -- SALARY + OVERHEAD			\$ 612,140.05
FIXED FEE @ 10% OF BARE COST + OVERHEAD			\$ 61,214.00
DIRECT EXPENSES (itemized)		\$	(This section is redacted in the original document)
Production - Reproduction		\$1,200.00	
Postage/Shipping/Messenger Service		\$300.00	
Local Travel		\$500.00	
Overnight Travel (Travel, Car Rental, Hotel & Meals)		\$0.00	
Miscellaneous		\$0.00	
TOTAL DIRECT EXPENSES		\$ 2,000.00	
TOTAL THIS TASK			\$ 675,354.05

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 5.2

FIRM: JACOBS

Final Design (90% Complete Documents)

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ -	\$ -
Staff 2	Sr. Consultant	75	\$ 131.41	\$ 9,855.56
Staff 3	Project Manager	52	\$ 127.77	\$ 6,644.12
Staff 4	Design/Planning Team Leader		\$ 100.00	\$ -
Staff 5	Project Specialist		\$ 100.00	\$ -
Staff 6	Supervising Eng/Plan	124	\$ 92.70	\$ 11,494.80
Staff 7	Principal Eng/Plan	297	\$ 77.25	\$ 22,943.25
Staff 8	Sr. Eng/Plan		\$ 65.00	\$ -
Staff 9	Engineer/Planner	177	\$ 46.35	\$ 8,203.95
Staff 10	Field Survey Staff		\$ 35.00	\$ -
Staff 11	CADD Tech	137	\$ 46.35	\$ 6,349.95
Staff 12	Intern/Clerical		\$ 30.00	\$ -
TOTAL ESTIMATED HOURS		862		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)		\$ 65,491.62
OVERHEAD @ 110.61% OF BARE COST		\$ 72,440.28
SUBTOTAL -- SALARY + OVERHEAD		\$ 137,931.91
FIXED FEE @ 10% OF BARE COST + OVERHEAD		\$ 13,793.19
DIRECT EXPENSES (itemized)		\$
Production - Reproduction		\$800.00
Postage/Shipping/Messenger Service		\$200.00
Local Travel		\$500.00
Overnight Travel (Travel, Car Rental, Hotel & Meals)		\$0.00
Miscellaneous		\$0.00
TOTAL DIRECT EXPENSES		\$ 1,500.00
TOTAL THIS TASK		\$ 153,225.10

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 5.2.1

FIRM: JACOBS

Final Design (90% Complete Documents)

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ -	\$ -
Staff 2	Sr. Consultant	24	\$ 131.41	\$ 3,153.78
Staff 3	Project Manager	24	\$ 127.77	\$ 3,066.52
Staff 4	Design/Planning Team Leader		\$ 100.00	\$ -
Staff 5	Project Specialist		\$ 100.00	\$ -
Staff 6	Supervising Eng/Plan	60	\$ 92.70	\$ 5,562.00
Staff 7	Principal Eng/Plan	186	\$ 77.25	\$ 14,368.50
Staff 8	Sr. Eng/Plan		\$ 65.00	\$ -
Staff 9	Engineer/Planner	186	\$ 46.35	\$ 8,621.10
Staff 10	Field Survey Staff		\$ 35.00	\$ -
Staff 11	CADD Tech	186	\$ 46.35	\$ 8,621.10
Staff 12	Intern/Clerical		\$ 30.00	\$ -
TOTAL ESTIMATED HOURS		666		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)	\$	43,392.99
OVERHEAD @ 110.61% OF BARE COST		\$ 47,996.99
SUBTOTAL -- SALARY + OVERHEAD		\$ 91,389.98
FIXED FEE @ 10% OF BARE COST + OVERHEAD		\$ 9,139.00
DIRECT EXPENSES (itemized)	\$	
Production - Reproduction	\$800.00	
Postage/Shipping/Messenger Service	\$200.00	
Local Travel	\$500.00	
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00	
Miscellaneous	\$0.00	
TOTAL DIRECT EXPENSES		\$ 1,500.00
TOTAL THIS TASK		\$ 102,028.98

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 5.2

FIRM: Jois Construction Management
System, Inc. (JCMS)

Final Design (90% Complete Documents)

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ 82.00	\$ -
Staff 2	Chief Cost Estimator	48	\$ 86.52	\$ 4,152.96
Staff 3	Sr. Cost Estimator	80	\$ 67.98	\$ 5,438.40
Staff 4	Sr. Scheduling Engineer	16	\$ 60.77	\$ 972.32
Staff 5	Cost Estimator	180	\$ 52.53	\$ 9,455.40
Staff 6	Scheduling Engineer	88	\$ 52.53	\$ 4,622.64
Staff 7	Technical Support	48	\$ 35.02	\$ 1,680.96
Staff 8	TBD		\$ -	\$ -
Staff 9	TBD		\$ -	\$ -
Staff 10	TBD		\$ -	\$ -
TOTAL ESTIMATED HOURS		460		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)		\$26,322.68
OVERHEAD @ 117.54 % OF BARE COST		\$30,939.68
SUBTOTAL -- SALARY + OVERHEAD		\$ 57,262.36
FIXED FEE @ 10% OF BARE COST + OVERHEAD		\$ 5,726.24
DIRECT EXPENSES (itemized)	\$	
Production - Reproduction	\$100.00	
Postage/Shipping/Messenger Service	\$0.00	
Local Travel	\$100.00	
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00	
Miscellaneous	\$0.00	
TOTAL DIRECT EXPENSES		\$200.00
TOTAL THIS TASK		\$63,188.59

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 5.2

FIRM: Yu & Associates, Inc. (Yu)

Final Design (90% Complete Documents)

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal	4	\$ 100.02	\$ 400.09
Staff 2	Senior Consultant	8	\$ 76.92	\$ 615.36
Staff 3	Design/Planning Team Leader		\$ -	\$ -
Staff 4	Project Specialist		\$ -	\$ -
Staff 5	Supervising Eng/Arch/Plan	24	\$ 57.62	\$ 1,382.84
Staff 6	Principal Eng/Arch/Plan	16	\$ 43.73	\$ 699.74
Staff 7	Senior Eng/Arch/Plan		\$ 42.46	\$ -
Staff 8	Eng/Arch/Plan		\$ 34.42	\$ -
Staff 9	CAD Tech		\$ 30.80	\$ -
Staff 10	Admin		\$ -	\$ -
TOTAL ESTIMATED HOURS		52		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)	\$3,098.03
OVERHEAD @ 168.00 % OF BARE COST	\$5,204.70
SUBTOTAL -- SALARY + OVERHEAD	\$ 8,302.73
FIXED FEE @ 10% OF BARE COST + OVERHEAD	\$ 830.27
DIRECT EXPENSES (itemized)	\$
Production - Reproduction	\$100.00
Postage/Shipping/Messenger Service	\$100.00
Local Travel	\$500.00
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00
Miscellaneous	\$0.00
TOTAL DIRECT EXPENSES	\$700.00
TOTAL THIS TASK	\$9,833.00

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 5.3

FIRM: AECOM

Final Design (100% Complete Documents)

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ 113.30	\$ -
Staff 2	Sr. Consultant	164	\$ 103.00	\$ 16,892.00
Staff 3	Project Manager	96	\$ 115.36	\$ 11,074.56
Staff 4	Design/Planning Team Leader		\$ 82.40	\$ -
Staff 5	Project Specialist		\$ 103.00	\$ -
Staff 6	Supervising Eng/Plan	458	\$ 72.10	\$ 33,021.80
Staff 7	Principal Eng/Plan	416	\$ 61.80	\$ 25,708.80
Staff 8	Sr. Eng/Plan		\$ 51.50	\$ -
Staff 9	Engineer/Planner	252	\$ 41.20	\$ 10,382.40
Staff 10	Field Survey Staff		\$ 30.90	\$ -
Staff 11	CADD Tech	534	\$ 43.26	\$ 23,100.84
Staff 12	Intern/Clerical		\$ 30.90	\$ -
TOTAL ESTIMATED HOURS		1,920		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)		\$ 120,180.40
OVERHEAD @ 139.14% OF BARE COST		\$ 167,219.01
SUBTOTAL -- SALARY + OVERHEAD		\$ 287,399.41
FIXED FEE @ 10% OF BARE COST + OVERHEAD		\$ 28,739.94
DIRECT EXPENSES (itemized)		\$
Production - Reproduction		\$1,500.00
Postage/Shipping/Messenger Service		\$500.00
Local Travel		\$200.00
Overnight Travel (Travel, Car Rental, Hotel & Meals)		\$0.00
Miscellaneous		\$0.00
TOTAL DIRECT EXPENSES		\$ 2,200.00
TOTAL THIS TASK		\$ 318,339.35

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 5.3

FIRM: JACOBS

Final Design (100% Complete Documents)

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ -	\$ -
Staff 2	Sr. Consultant	45	\$ 131.41	\$ 5,913.33
Staff 3	Project Manager	55	\$ 127.77	\$ 7,027.43
Staff 4	Design/Planning Team Leader		\$ 103.00	\$ -
Staff 5	Project Specialist		\$ 103.00	\$ -
Staff 6	Supervising Eng/Plan	137	\$ 92.70	\$ 12,699.90
Staff 7	Principal Eng/Plan	346	\$ 77.25	\$ 26,728.50
Staff 8	Sr. Eng/Plan		\$ 66.95	\$ -
Staff 9	Engineer/Planner	298	\$ 46.35	\$ 13,812.30
Staff 10	Field Survey Staff		\$ 36.05	\$ -
Staff 11	CADD Tech	274	\$ 46.35	\$ 12,699.90
Staff 12	Intern/Clerical		\$ 30.90	\$ -
TOTAL ESTIMATED HOURS		1,155		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)	\$	78,881.37
OVERHEAD @ 110.61% OF BARE COST		87,250.68
SUBTOTAL -- SALARY + OVERHEAD		166,132.04
FIXED FEE @ 10% OF BARE COST + OVERHEAD		16,613.20
DIRECT EXPENSES (itemized)	\$	
Production - Reproduction	\$1,500.00	
Postage/Shipping/Messenger Service	\$500.00	
Local Travel	\$500.00	
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00	
Miscellaneous	\$0.00	
TOTAL DIRECT EXPENSES		\$ 2,500.00
TOTAL THIS TASK		\$ 185,245.25

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 5.3.1

FIRM: JACOBS

Final Design (100% Complete Documents)

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ -	\$ -
Staff 2	Sr. Consultant	17	\$ 131.41	\$ 2,233.93
Staff 3	Project Manager	17	\$ 127.77	\$ 2,172.12
Staff 4	Design/Planning Team Leader		\$ 103.00	\$ -
Staff 5	Project Specialist		\$ 103.00	\$ -
Staff 6	Supervising Eng/Plan	42	\$ 92.70	\$ 3,893.40
Staff 7	Principal Eng/Plan	126	\$ 77.25	\$ 9,733.50
Staff 8	Sr. Eng/Plan		\$ 66.95	\$ -
Staff 9	Engineer/Planner	126	\$ 46.35	\$ 5,840.10
Staff 10	Field Survey Staff		\$ 36.05	\$ -
Staff 11	CADD Tech	126	\$ 46.35	\$ 5,840.10
Staff 12	Intern/Clerical		\$ 30.90	\$ -
TOTAL ESTIMATED HOURS		454		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)	\$	29,713.14
OVERHEAD @ 110.61% OF BARE COST		\$ 32,865.71
SUBTOTAL -- SALARY + OVERHEAD		\$ 62,578.85
FIXED FEE @ 10% OF BARE COST + OVERHEAD		\$ 6,257.88
DIRECT EXPENSES (itemized)	\$	
Production - Reproduction	\$1,500.00	
Postage/Shipping/Messenger Service	\$500.00	
Local Travel	\$500.00	
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00	
Miscellaneous	\$0.00	
TOTAL DIRECT EXPENSES		\$ 2,500.00
TOTAL THIS TASK		\$ 71,336.73

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 5.3

FIRM:

Jois Construction Management
System, Inc. (JCMS)

Final Design (100% Complete Documents)

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ 84.46	\$ -
Staff 2	Chief Cost Estimator	24	\$ 86.52	\$ 2,076.48
Staff 3	Sr. Cost Estimator	40	\$ 67.98	\$ 2,719.20
Staff 4	Sr. Scheduling Engineer	8	\$ 60.77	\$ 486.16
Staff 5	Cost Estimator	100	\$ 52.53	\$ 5,253.00
Staff 6	Scheduling Engineer	32	\$ 52.53	\$ 1,680.96
Staff 7	Technical Support	16	\$ 35.02	\$ 560.32
Staff 8	TBD		\$ -	\$ -
Staff 9	TBD		\$ -	\$ -
Staff 10	TBD		\$ -	\$ -
TOTAL ESTIMATED HOURS		220		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)	\$12,776.12
OVERHEAD @ 117.54 % OF BARE COST	\$15,017.05
SUBTOTAL -- SALARY + OVERHEAD	\$ 27,793.17
FIXED FEE @ 10% OF BARE COST + OVERHEAD	\$ 2,779.32
DIRECT EXPENSES (itemized)	\$
Production - Reproduction	\$200.00
Postage/Shipping/Messenger Service	\$0.00
Local Travel	\$100.00
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00
Miscellaneous	\$0.00
TOTAL DIRECT EXPENSES	\$300.00
TOTAL THIS TASK	\$30,872.49

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 5.3

FIRM: Yu & Associates, Inc. (Yu)

Final Design (100% Complete Documents)

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal	4	\$ 100.02	\$ 400.09
Staff 2	Senior Consultant	16	\$ 76.92	\$ 1,230.73
Staff 3	Design/Planning Team Leader		\$ -	\$ -
Staff 4	Project Specialist		\$ -	\$ -
Staff 5	Supervising Eng/Arch/Plan	36	\$ 57.62	\$ 2,074.26
Staff 6	Principal Eng/Arch/Plan	20	\$ 43.73	\$ 874.68
Staff 7	Senior Eng/Arch/Plan		\$ 43.73	\$ -
Staff 8	Eng/Arch/Plan		\$ 35.45	\$ -
Staff 9	CAD Tech		\$ 31.72	\$ -
Staff 10	Admin		\$ -	\$ -
TOTAL ESTIMATED HOURS		76		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)	\$4,579.75
OVERHEAD @ 168.00 % OF BARE COST	\$7,693.98
SUBTOTAL -- SALARY + OVERHEAD	\$ 12,273.73
FIXED FEE @ 10% OF BARE COST + OVERHEAD	\$ 1,227.37
DIRECT EXPENSES (itemized)	\$
Production - Reproduction	\$100.00
Postage/Shipping/Messenger Service	\$100.00
Local Travel	\$100.00
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00
Miscellaneous	\$0.00
TOTAL DIRECT EXPENSES	\$300.00
TOTAL THIS TASK	\$13,801.11

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 5.4

FIRM: AECOM

Peer Review

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ 110.00	\$ -
Staff 2	Sr. Consultant	136	\$ 103.00	\$ 14,008.00
Staff 3	Project Manager	16	\$ 115.36	\$ 1,845.76
Staff 4	Design/Planning Team Leader		\$ 80.00	\$ -
Staff 5	Project Specialist		\$ 100.00	\$ -
Staff 6	Supervising Eng/Plan	200	\$ 72.10	\$ 14,420.00
Staff 7	Principal Eng/Plan		\$ 60.00	\$ -
Staff 8	Sr. Eng/Plan		\$ 50.00	\$ -
Staff 9	Engineer/Planner		\$ 40.00	\$ -
Staff 10	Field Survey Staff		\$ 30.00	\$ -
Staff 11	CADD Tech	40	\$ 43.26	\$ 1,730.40
Staff 12	Intern/Clerical	8	\$ 30.90	\$ 247.20
TOTAL ESTIMATED HOURS		400		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)		\$ 32,251.36
OVERHEAD @ 139.14% OF BARE COST		\$ 44,874.54
SUBTOTAL -- SALARY + OVERHEAD		\$ 77,125.90
FIXED FEE @ 10% OF BARE COST + OVERHEAD		\$ 7,712.59
DIRECT EXPENSES (itemized)		\$
Production - Reproduction		\$600.00
Postage/Shipping/Messenger Service		\$100.00
Local Travel		\$500.00
Overnight Travel (Travel, Car Rental, Hotel & Meals)		\$0.00
Miscellaneous (Review team support / catering)		\$1,200.00
TOTAL DIRECT EXPENSES		\$ 2,400.00
TOTAL THIS TASK		\$ 87,238.49

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 5.4

FIRM: JACOBS

Peer Review

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ -	\$ -
Staff 2	Sr. Consultant	40	\$ 131.41	\$ 5,256.30
Staff 3	Project Manager	8	\$ 127.77	\$ 1,022.17
Staff 4	Design/Planning Team Leader		\$ 100.00	\$ -
Staff 5	Project Specialist		\$ 100.00	\$ -
Staff 6	Supervising Eng/Plan	40	\$ 92.70	\$ 3,708.00
Staff 7	Principal Eng/Plan		\$ 75.00	\$ -
Staff 8	Sr. Eng/Plan		\$ 65.00	\$ -
Staff 9	Engineer/Planner		\$ 45.00	\$ -
Staff 10	Field Survey Staff		\$ 35.00	\$ -
Staff 11	CADD Tech		\$ 45.00	\$ -
Staff 12	Intern/Clerical		\$ 30.00	\$ -
TOTAL ESTIMATED HOURS		88		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)	\$	9,986.47
OVERHEAD @ 110.61% OF BARE COST		\$ 11,046.03
SUBTOTAL -- SALARY + OVERHEAD		\$ 21,032.50
FIXED FEE @ 10% OF BARE COST + OVERHEAD		\$ 2,103.25
DIRECT EXPENSES (Itemized)	\$	
Production - Reproduction	\$600.00	
Postage/Shipping/Messenger Service	\$100.00	
Local Travel	\$500.00	
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00	
Miscellaneous	\$0.00	
TOTAL DIRECT EXPENSES		\$ 1,200.00
TOTAL THIS TASK		\$ 24,335.75

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 5.4

FIRM: SSA

Peer Review

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ -	\$ -
Staff 2	Sr. Consultant	36	\$ 95.59	\$ 3,441.39
Staff 3	Project Manager		\$ 72.10	\$ -
Staff 4	Design/Planning Team Leader		\$ -	\$ -
Staff 5	Project Specialist		\$ 51.81	\$ -
Staff 6	Supervising Eng/Plan		\$ 48.00	\$ -
Staff 7	Principal Eng/Plan		\$ 38.85	\$ -
Staff 8	Sr. Eng/Plan		\$ 31.50	\$ -
Staff 9	Engineer/Planner		\$ 30.98	\$ -
Staff 10	Field Survey Staff		\$ 27.32	\$ -
Staff 11	CADD Tech		\$ -	\$ -
Staff 12	Intern/Clerical		\$ -	\$ -
TOTAL ESTIMATED HOURS		36		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)	\$ 3,441.39
OVERHEAD @ 132.00% OF BARE COST	\$ 4,542.64
SUBTOTAL -- SALARY + OVERHEAD	\$ 7,984.04
FIXED FEE @ 10% OF BARE COST + OVERHEAD	\$ 798.40
DIRECT EXPENSES (itemized)	\$
Production - Reproduction	\$150.00
Postage/Shipping/Messenger Service	\$50.00
Local Travel	\$100.00
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00
Miscellaneous	
TOTAL DIRECT EXPENSES	\$ 300.00
TOTAL THIS TASK	\$ 9,082.44

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 5.5

FIRM: AECOM

Interagency Coordination - Final Design

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ 110.00	\$ -
Staff 2	Sr. Consultant	80	\$ 103.00	\$ 8,240.00
Staff 3	Project Manager	40	\$ 115.36	\$ 4,614.40
Staff 4	Design/Planning Team Leader		\$ 80.00	\$ -
Staff 5	Project Specialist		\$ 100.00	\$ -
Staff 6	Supervising Eng/Plan	120	\$ 72.10	\$ 8,652.00
Staff 7	Principal Eng/Plan	100	\$ 61.80	\$ 6,180.00
Staff 8	Sr. Eng/Plan		\$ 50.00	\$ -
Staff 9	Engineer/Planner	80	\$ 41.20	\$ 3,296.00
Staff 10	Field Survey Staff		\$ 30.00	\$ -
Staff 11	CADD Tech	80	\$ 43.26	\$ 3,460.80
Staff 12	Intern/Clerical		\$ 30.00	\$ -
TOTAL ESTIMATED HOURS		500		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)		\$ 34,443.20
OVERHEAD @ 139.14% OF BARE COST		\$ 47,924.27
SUBTOTAL -- SALARY + OVERHEAD		\$ 82,367.47
FIXED FEE @ 10% OF BARE COST + OVERHEAD		\$ 8,236.75
DIRECT EXPENSES (itemized)		\$
Production - Reproduction		\$400.00
Postage/Shipping/Messenger Service		\$100.00
Local Travel		\$200.00
Overnight Travel (Travel, Car Rental, Hotel & Meals)		\$0.00
Miscellaneous (Presentation graphics)		\$500.00
TOTAL DIRECT EXPENSES		\$ 1,200.00
TOTAL THIS TASK		\$ 91,804.22

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 5.6

FIRM: AECOM

As-Directed Final Design

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ 110.00	\$ -
Staff 2	Sr. Consultant	120	\$ 103.00	\$ 12,360.00
Staff 3	Project Manager	40	\$ 115.36	\$ 4,614.40
Staff 4	Design/Planning Team Leader		\$ 80.00	\$ -
Staff 5	Project Specialist		\$ 100.00	\$ -
Staff 6	Supervising Eng/Plan	240	\$ 72.10	\$ 17,304.00
Staff 7	Principal Eng/Plan	240	\$ 61.80	\$ 14,832.00
Staff 8	Sr. Eng/Plan		\$ 50.00	\$ -
Staff 9	Engineer/Planner	80	\$ 41.20	\$ 3,296.00
Staff 10	Field Survey Staff		\$ 30.00	\$ -
Staff 11	CADD Tech	280	\$ 43.26	\$ 12,112.80
Staff 12	Intern/Clerical		\$ 30.00	\$ -
TOTAL ESTIMATED HOURS		1,000		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)	\$ 64,519.20
OVERHEAD @ 139.14% OF BARE COST	\$ 89,772.01
SUBTOTAL – SALARY + OVERHEAD	\$ 154,291.21
FIXED FEE @ 10% OF BARE COST + OVERHEAD	\$ 15,429.12
DIRECT EXPENSES (Itemized)	\$
Production - Reproduction	\$500.00
Postage/Shipping/Messenger Service	\$100.00
Local Travel	\$200.00
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00
Miscellaneous	\$0.00
TOTAL DIRECT EXPENSES	\$ 800.00
TOTAL THIS TASK	\$ 170,520.34

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 5.7

FIRM: AECOM

Construction Bid Package

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ 113.30	\$ -
Staff 2	Sr. Consultant	40	\$ 103.00	\$ 4,120.00
Staff 3	Project Manager	144	\$ 115.36	\$ 16,611.84
Staff 4	Design/Planning Team Leader		\$ 82.40	\$ -
Staff 5	Project Specialist		\$ 103.00	\$ -
Staff 6	Supervising Eng/Plan		\$ 72.10	\$ -
Staff 7	Principal Eng/Plan	120	\$ 61.80	\$ 7,416.00
Staff 8	Sr. Eng/Plan	120	\$ 51.50	\$ 6,180.00
Staff 9	Engineer/Planner	80	\$ 41.20	\$ 3,296.00
Staff 10	Field Survey Staff		\$ 30.90	\$ -
Staff 11	CADD Tech	80	\$ 43.26	\$ 3,460.80
Staff 12	Intern/Clerical	96	\$ 30.90	\$ 2,966.40
TOTAL ESTIMATED HOURS		680		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)			\$ 44,051.04
OVERHEAD @ 139.14% OF BARE COST			\$ 61,292.62
SUBTOTAL -- SALARY + OVERHEAD			\$ 105,343.66
FIXED FEE @ 10% OF BARE COST + OVERHEAD			\$ 10,534.37
DIRECT EXPENSES (itemized)		\$	[REDACTED]
Production - Reproduction		\$2,000.00	
Postage/Shipping/Messenger Service		\$500.00	
Local Travel		\$300.00	
Overnight Travel (Travel, Car Rental, Hotel & Meals)		\$0.00	
Miscellaneous		\$0.00	
TOTAL DIRECT EXPENSES		\$ 2,800.00	
TOTAL THIS TASK			\$ 118,678.02

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 5.7

FIRM: JACOBS

Construction Bid Package

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal		\$ -	\$ -
Staff 2	Sr. Consultant	16	\$ 131.41	\$ 2,102.52
Staff 3	Project Manager	16	\$ 127.77	\$ 2,044.34
Staff 4	Design/Planning Team Leader		\$ 100.00	\$ -
Staff 5	Project Specialist		\$ 100.00	\$ -
Staff 6	Supervising Eng/Plan		\$ 90.00	\$ -
Staff 7	Principal Eng/Plan	16	\$ 77.25	\$ 1,236.00
Staff 8	Sr. Eng/Plan		\$ 65.00	\$ -
Staff 9	Engineer/Planner	16	\$ 46.35	\$ 741.60
Staff 10	Field Survey Staff		\$ 35.00	\$ -
Staff 11	CADD Tech		\$ 45.00	\$ -
Staff 12	Intern/Clerical		\$ 30.00	\$ -
TOTAL ESTIMATED HOURS		64		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)	\$	6,124.46
OVERHEAD @ 110.61% OF BARE COST	\$	6,774.27
SUBTOTAL -- SALARY + OVERHEAD	\$	12,898.73
FIXED FEE @ 10% OF BARE COST + OVERHEAD	\$	1,289.87
DIRECT EXPENSES (itemized)	\$	
Production - Reproduction	\$0.00	
Postage/Shipping/Messenger Service	\$0.00	
Local Travel	\$0.00	
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00	
Miscellaneous	\$0.00	
TOTAL DIRECT EXPENSES	\$	-
TOTAL THIS TASK	\$	14,188.60

NJ TRANSIT Resilience Program

Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering

Task 5.7

**FIRM: Jois Construction Management
System, Inc. (JCMS)**

Construction Bid Package

TECHNICAL STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
Staff 1	Principal	10	\$ 84.46	\$ 844.60
Staff 2	Chief Cost Estimator	40	\$ 86.52	\$ 3,460.80
Staff 3	Sr. Cost Estimator	120	\$ 67.98	\$ 8,157.60
Staff 4	Sr. Scheduling Engineer	64	\$ 60.77	\$ 3,889.28
Staff 5	Cost Estimator	80	\$ 52.53	\$ 4,202.40
Staff 6	Scheduling Engineer	32	\$ 52.53	\$ 1,680.96
Staff 7	Technical Support		\$ 35.02	\$ -
Staff 8	TBD		\$ -	\$ -
Staff 9	TBD		\$ -	\$ -
Staff 10	TBD		\$ -	\$ -
TOTAL ESTIMATED HOURS		346		

SUPPORT STAFF				
STAFF PERSON/ CLASSIFICATION	PROJECT TITLE OR DISCIPLINE	ESTIMATED HOURS	HOURLY RATE	TOTAL SALARY
TOTAL ESTIMATED HOURS		0		

TOTAL SALARY (BARE COST)		\$22,235.64
OVERHEAD @ 117.54 % OF BARE COST		\$26,135.77
SUBTOTAL -- SALARY + OVERHEAD		\$ 48,371.41
FIXED FEE @ 10% OF BARE COST + OVERHEAD		\$ 4,837.14
DIRECT EXPENSES (itemized)	\$	
Production - Reproduction	\$100.00	
Postage/Shipping/Messenger Service	\$114.37	
Local Travel	\$100.00	
Overnight Travel (Travel, Car Rental, Hotel & Meals)	\$0.00	
Miscellaneous	\$0.00	
TOTAL DIRECT EXPENSES		\$314.37
TOTAL THIS TASK		\$53,522.92

ATTACHMENT D-5

Staffing Schedule By Firm



NJ TRANSIT Resilience Program
Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering
REQUEST FOR PROPOSAL NO. 16-006

ATTACHMENT D-5
STAFFING SCHEDULE BY FIRM

FIRM **AECOM**

Phase	No.	Task	Principal	Sr. Consultant	Project Manager	Design Team Leader	Project Specialist	Supervising Eng	Principal Eng	Sr. Eng	Engineer	Field Survey Staff	CADD Tech	Intern/Clerical	Subtotal
Project Requirements															
	Task 1.01	Project Management Plan	16	40	80									32	168
	Task 1.02	Project Control	64	240	570			400						280	1,654
	Task 1.03	Records Management Control System													
	Task 1.04	Quality Management	72	268	168									160	668
	Task 1.05	Design Control	32	120	40			200						64	456
	Task 1.06	Project Meetings	16	120	430			120						160	846
	Task 2	Risk Management		64	140			64							268
	Task 3	System Safety Management Plan (SSMP)		240	20									40	300
Phase IA: Conceptual Design															
	Task 4.1	Design Review / Pedestal Pk / Wayside Power		8	24	308			96				16		452
Phase IB: Preliminary Design															
	Task 4.2	Preliminary Design		40	4			40	116						300
	Task 4.3	Update Design Criteria		4	4			48						20	72
	Task 4.4	Track Design	104	32				306	373				346		1,193
	Task 4.5	Civil Design	105	79				244	285				436	12	1,160
	Task 4.6	Bridges, Building & Structures	82	120				118	442		450		488		1,700
	Task 4.7	Traction Power/Electrical Design	116	80				400	600				400		1,596
	Task 4.8	Signal Systems		184											184
	Task 4.9	Cost and Schedule		40											40
	Task 4.10	Supplemental Survey		40	8			64			24		40	8	184
	Task 4.11	Utility Relocation Preliminary Estimates		80	28			128					120		356
	Task 4.12	Geotechnical Investigations													
	Task 4.13	Environmental		32	24			80					104		240
	Task 4.14	Optional Pedestal Pk													
	Task 4.15	Value Engineering		48	56			48							152
	Task 4.16	As-Directed Preliminary Design		160	64			416	415		305		640		2,000
Phase II: Preparation of Final Plans, Specifications, and Estimates															
	Task 5.1	Design Development (60% Design)		376	352			1,321	1,582		920		928	8	5,487
	Task 5.1.1	Optional Pedestal Pk (60%)													
	Task 5.2	Final Design (90% Complete Documents)		244	208			884	820		488		1,672		4,316
	Task 5.2.1	Optional Pedestal Pk (90%)													
	Task 5.3	Final Design (100% Complete Documents)		164	96			458	416		252		534		1,920
	Task 5.3.1	Optional Pedestal Pk (100%)													
	Task 5.4	Peer Review		136	16			200					40	8	400
	Task 5.5	Interagency Coordination - Final Design		80	40			120	100		80		80		500
	Task 5.6	As-Directed Final Design		120	40			240	240		80		280		1,000
	Task 5.7	Construction Bid Package		40	144			120	120	120	80		80	96	680
Phase III: Construction Support Services (NOT IN SCDPE)															
	Task 6.1	Response to Questions													
	Task 6.2	Change Order Preparation/Evaluation													
	Task 6.3	Shop Drawing Review and Material Approvals													
	Task 6.4	Punchlist Inspection/Development & Cert of Subst. Completion													
	Task 6.5	Final Inspection/Project Inspection													
	Task 6.6	As-Built Drawings													
	Task 6.7	Design Support - As Directed													
		TOTAL HOURS	200	3,251	3,006	308	0	5,899	5,605	120	2,679	0	6,204	888	28,160
		HOURLY RATES	\$ 111.65	\$ 101.57	\$ 113.87	\$ 80.00	N/A	\$ 71.29	\$ 61.05	\$ 51.50	\$ 40.85	N/A	\$ 42.73	\$ 30.49	
		TOTAL DIRECT LABOR	\$ 27,330	\$ 330,218	\$ 342,283	\$ 24,640	\$ -	\$ 420,522	\$ 342,200	\$ 6,180	\$ 109,440	\$ -	\$ 265,122	\$ 27,072	\$ 1,890,007
		INDIRECT LABOR COST (OVERHEAD @ 139.14%)	\$ 31,070	\$ 459,465	\$ 476,253	\$ 34,284	\$ -	\$ 585,114	\$ 476,138	\$ 8,599	\$ 152,275	\$ -	\$ 368,890	\$ 37,668	\$ 2,629,755
		TOTAL LABOR COST	\$ 58,400	\$ 789,683	\$ 818,536	\$ 58,924	\$ -	\$ 1,005,636	\$ 818,338	\$ 14,779	\$ 261,715	\$ -	\$ 634,012	\$ 64,740	\$ 4,519,762

NJ TRANSIT Resilience Program
Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering
REQUEST FOR PROPOSAL NO. 16-006

ATTACHMENT D-5
STAFFING SCHEDULE BY FIRM

FIRM JACOBS

Phase	No.	Task	Principal	Sr. Consultant	Project Manager	Design Team Leader	Project Specialist	Supervising Eng	Principal Eng	Sr. Eng	Engineer	Field Survey Staff	CADD Tech	Intern/Clerical	Subtotal
Project Requirements															
	Task 1.01	Project Management Plan													
	Task 1.02	Project Control													
	Task 1.03	Records Management Control System													
	Task 1.04	Quality Management													
	Task 1.05	Design Control													
	Task 1.06	Project Meetings													
	Task 2	Risk Management													
	Task 3	System Safety Management Plan (SSMP)													
Phase IA: Conceptual Design															
	Task 4.1	Design Review / Pedestal Pit / Wayside Power		36	42			144	180		108		96		606
Phase IB: Preliminary Design															
	Task 4.2	Preliminary Design						64	40						104
	Task 4.3	Update Design Criteria													
	Task 4.4	Track Design		120											120
	Task 4.5	Civil Design													
	Task 4.6	Bridges, Building & Structures		50	175			214	573		445		365		1,822
	Task 4.7	Traction Power/Electrical Design													
	Task 4.8	Signal Systems													
	Task 4.9	Cost and Schedule													
	Task 4.10	Supplemental Survey													
	Task 4.11	Utility Relocation Preliminary Estimates													
	Task 4.12	Geotechnical Investigations													
	Task 4.13	Environmental													
	Task 4.14	Optional Pedestal Pit		43	32			96	333		333		332		1,169
	Task 4.15	Value Engineering													
	Task 4.16	As-Directed Preliminary Design													
Phase II: Preparation of Final Plans, Specifications, and Estimates															
	Task 5.1	Design Development (60% Design)		35	40			148	257		177		137		794
	Task 5.1.1	Optional Pedestal Pit (60%)		36	36			84	260		260		260		936
	Task 5.2	Final Design (90% Complete Documents)		75	52			124	297		177		137		862
	Task 5.2.1	Optional Pedestal Pit (90%)		24	24			60	186		186		186		666
	Task 5.3	Final Design (100% Complete Documents)		45	55			137	346		298		274		1,155
	Task 5.3.1	Optional Pedestal Pit (100%)		17	17			42	126		126		126		454
	Task 5.4	Peer Review		40	8			40							88
	Task 5.5	Interagency Coordination - Final Design													
	Task 5.6	As-Directed Final Design							16						
	Task 5.7	Construction Bid Package		16	16						16				64
Phase III: Construction Support Services (NOT IN SCOPE)															
	Task 6.1	Response to Questions													
	Task 6.2	Change Order Preparation/Evaluation													
	Task 6.3	Shop Drawing Review and Material Approvals													
	Task 6.4	Punchlist Inspection/Development & Cert of Subst. Completion													
	Task 6.5	Final Inspection/Project Inspection													
	Task 6.6	As-Built Drawings													
	Task 6.7	Design Support - As Directed													
	TOTAL HOURS			537	497			1,153	2,614		2,126		1,913		8,840
	HOURLY RATES		N/A	\$ 114.46	\$ 107.40	N/A	N/A	#REF!	#REF!	N/A	\$ 36.54	N/A	\$ 36.10	N/A	
	TOTAL DIRECT LABOR		\$ -	\$ 61,465	\$ 53,376	\$ -	\$ -	#REF!	#REF!	\$ -	\$ 77,692	\$ -	\$ 69,057	\$ -	#REF!
	INDIRECT LABOR COST(OVERHEAD@110.61%)		\$ -	\$ 67,987	\$ 59,039	\$ -	\$ -	#REF!	#REF!	\$ -	\$ 85,935	\$ -	\$ 76,384	\$ -	#REF!
	TOTAL LABOR COST		\$0	\$129,452	\$112,416	\$0	\$0	#REF!	#REF!	\$0	\$163,626	\$0	\$145,441	\$0	#REF!

NJ TRANSIT Resilience Program
Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering
REQUEST FOR PROPOSAL NO. 16-006

ATTACHMENT D-5
STAFFING SCHEDULE BY FIRM

FIRM NAIK

Phase	No.	Task	Principal	Design Team Leader	Supervising Engineer	Principal Engineer	Sr. Engineer	Field Staff	CAD Tech	TBD	TBD	TBD	Subtotal
Project Requirements													
	Task 1.01	Project Management Plan											
	Task 1.02	Project Control											
	Task 1.03	Records Management Control System											
	Task 1.04	Quality Management											
	Task 1.05	Design Control											
	Task 1.06	Project Meetings											
	Task 2	Risk Management											
	Task 3	System Safety Management Plan (SSMP)											
Phase IA: Conceptual Design													
	Task 4.1	Design Review / Pedestal Pft / Wayside Power											
Phase IB: Preliminary Design													
	Task 4.2	Preliminary Design											
	Task 4.3	Update Design Criteria											
	Task 4.4	Track Design											
	Task 4.5	Civil Design											
	Task 4.6	Bridges, Building & Structures											
	Task 4.7	Traction Power/Electrical Design											
	Task 4.8	Signal Systems											
	Task 4.9	Cost and Schedule											
	Task 4.10	Supplemental Survey	24	80	320	240	200		360				1224
	Task 4.11	Utility Relocation Preliminary Estimates											
	Task 4.12	Geotechnical Investigations											
	Task 4.13	Environmental											
	Task 4.14	Optional Pedestal Pft											
	Task 4.15	Value Engineering											
	Task 4.16	As-Directed Preliminary Design											
Phase II: Preparation of Final Plans, Specifications, and Estimates													
	Task 5.1	Design Development (60% Design)							900				900
	Task 5.1.1	Optional Pedestal Pft (60%)											
	Task 5.2	Final Design (90% Complete Documents)											
	Task 5.2.1	Optional Pedestal Pft (90%)											
	Task 5.3	Final Design (100% Complete Documents)											
	Task 5.3.1	Optional Pedestal Pft (100%)											
	Task 5.4	Peer Review											
	Task 5.5	Interagency Coordination - Final Design											
	Task 5.6	As-Directed Final Design											
	Task 5.7	Construction Bid Package											
Phase III: Construction Support Services (NOT IN SCOPE)													
	Task 6.1	Response to Questions											
	Task 6.2	Change Order Preparation/Evaluation											
	Task 6.3	Shop Drawing Review and Material Approvals											
	Task 6.4	Punchlist Inspection/Development & Cert of Subst. Completion											
	Task 6.5	Final Inspection/Project Inspection											
	Task 6.6	As-Built Drawings											
	Task 6.7	Design Support - As Directed											
		TOTAL HOURS	24	80	320	240	200	0	1,260	0	0	0	2,124
		HOURLY RATES	\$ 90.00	\$ 73.36	\$ 68.74	\$ 61.10	\$ 59.93	N/A	\$ 42.29	N/A	N/A	N/A	
		TOTAL DIRECT LABOR	\$ 2,160	\$ 5,869	\$ 21,997	\$ 14,664	\$ 11,986	\$ -	\$ 53,282	\$ -	\$ -	\$ -	\$ 109,957
		INDIRECT LABOR COST(OVERHEAD@132.28%)	\$ 2,857	\$ 7,763	\$ 29,097	\$ 19,398	\$ 15,855	\$ -	\$ 70,481	\$ -	\$ -	\$ -	\$ 145,452
		TOTAL LABOR COST	\$5,017	\$13,632	\$51,094	\$34,062	\$27,841	\$0	\$123,763	\$0	\$0	\$0	\$355,409

NJ TRANSIT Resilience Program
Phase 2 - Long Slip Canal Fill and Roll Enhancement Project Final Design and Engineering
REQUEST FOR PROPOSAL NO. 16-006

ATTACHMENT D-5
STAFFING SCHEDULE BY FIRM

FIRM ING

Phase	No.	Task	Principal	Outreach Coordinator I	Outreach Coordinator II	Graphics/Web Outreach	Outreach Support Admin	TBD	Records Technician	TBD	TBD	TBD	TBD	Subtotal
Project Requirements														
	Task 1.01	Project Management Plan												
	Task 1.02	Project Control												
	Task 1.03	Records Management Control System	320						2,880					3,200
	Task 1.04	Quality Management												
	Task 1.05	Design Control												
	Task 1.06	Project Meetings												
	Task 2	Risk Management												
	Task 3	System Safety Management Plan (SSMP)												
Phase IA: Conceptual Design														
	Task 4.1	Design Review / Pedestal Pit / Wayside Power												
Phase IB: Preliminary Design														
	Task 4.2	Preliminary Design												
	Task 4.3	Update Design Criteria												
	Task 4.4	Track Design												
	Task 4.5	Civil Design												
	Task 4.6	Bridges, Building & Structures												
	Task 4.7	Traction Power/Electrical Design												
	Task 4.8	Signal Systems												
	Task 4.9	Cost and Schedule												
	Task 4.10	Supplemental Survey												
	Task 4.11	Utility Relocation Preliminary Estimates												
	Task 4.12	Geotechnical Investigations												
	Task 4.13	Environmental												
	Task 4.14	Optional Pedestal Pit												
	Task 4.15	Value Engineering												
	Task 4.16	As-Directed Preliminary Design												
Phase II: Preparation of Final Plans, Specifications, and Estimates														
	Task 5.1	Design Development (60% Design)												
	Task 5.1.1	Optional Pedestal Pit (60%)												
	Task 5.2	Final Design (90% Complete Documents)												
	Task 5.2.1	Optional Pedestal Pit (90%)												
	Task 5.3	Final Design (100% Complete Documents)												
	Task 5.3.1	Optional Pedestal Pit (100%)												
	Task 5.4	Peer Review												
	Task 5.5	Interagency Coordination - Final Design												
	Task 5.6	As-Directed Final Design												
	Task 5.7	Construction Bid Package												
Phase III: Construction Support Services (NOT IN SCOPE)														
	Task 6.1	Response to Questions												
	Task 6.2	Change Order Preparation/Evaluation												
	Task 6.3	Shop Drawing Review and Material Approvals												
	Task 6.4	Punchlist Inspection/Development & Cert of Subst. Completion												
	Task 6.5	Final Inspection/Project Inspection												
	Task 6.6	As-Built Drawings												
	Task 6.7	Design Support - As Directed												
		TOTAL HOURS	320	0	0	0	0	0	2,880	0	0	0	0	3,200
		HOURLY RATES	\$ 52.27	N/A	N/A	N/A	N/A	N/A	\$ 37.33	N/A	N/A	N/A	N/A	
		TOTAL DIRECT LABOR	\$ 16,727	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 107,515	\$ -	\$ -	\$ -	\$ -	\$ 124,242
		INDIRECT LABOR COST(OVERHEAD@181.14%)	\$ 30,343	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 195,033	\$ -	\$ -	\$ -	\$ -	\$ 225,376
		TOTAL LABOR COST	\$ 47,070	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 302,548	\$ -	\$ -	\$ -	\$ -	\$ 349,618

NJ TRANSIT Resilience Program
Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering
REQUEST FOR PROPOSAL NO. 16-006

ATTACHMENT D-5
 STAFFING SCHEDULE BY FIRM

FIRM ICMS

Phase	No.	Task	Principal	Design Team Leader	Supervising Engineer	Principal Engineer	Sr. Engineer	Field Staff	CAD Tech	TBD	TBD	TBD	Subtotal
Project Requirements													
	Task 1.01	Project Management Plan											
	Task 1.02	Project Control	80	120		640		840					1,680
	Task 1.03	Records Management Control System											
	Task 1.04	Quality Management											
	Task 1.05	Design Control											
	Task 1.06	Project Meetings											
	Task 2	Risk Management			400	400	240	240					1,280
	Task 3	System Safety Management Plan (SSMP)											
Phase IA: Conceptual Design													
	Task 4.1	Design Review / Pedestal Pit / Wayside Power											
Phase IB: Preliminary Design													
	Task 4.2	Preliminary Design											
	Task 4.3	Update Design Criteria											
	Task 4.4	Track Design											
	Task 4.5	Civil Design											
	Task 4.6	Bridges, Building & Structures											
	Task 4.7	Traction Power/Electrical Design											
	Task 4.8	Signal Systems											
	Task 4.9	Cost and Schedule		40	120	16	320	88	40				624
	Task 4.10	Supplemental Survey											
	Task 4.11	Utility Relocation Preliminary Estimates		16	32		68		8				124
	Task 4.12	Geotechnical Investigations											
	Task 4.13	Environmental											
	Task 4.14	Optional Pedestal Pit											
	Task 4.15	Value Engineering											
	Task 4.16	As-Directed Preliminary Design											
Phase II: Preparation of Final Plans, Specifications, and Estimates													
	Task 5.1	Design Development (60% Design)		48	120	16	260	88	64				596
	Task 5.1.1	Optional Pedestal Pit (60%)											
	Task 5.2	Final Design (90% Complete Documents)		48	80	16	180	88	48				460
	Task 5.2.1	Optional Pedestal Pit (90%)											
	Task 5.3	Final Design (100% Complete Documents)		24	40	8	100	32	16				220
	Task 5.3.1	Optional Pedestal Pit (100%)											
	Task 5.4	Peer Review											
	Task 5.5	Interagency Coordination - Final Design											
	Task 5.6	As-Directed Final Design											
	Task 5.7	Construction Bid Package	10	40	120	64	80	32					346
Phase III: Construction Support Services (NOT IN SCOPE)													
	Task 6.1	Response to Questions											
	Task 6.2	Change Order Preparation/Evaluation											
	Task 6.3	Shop Drawing Review and Material Approvals											
	Task 6.4	Punchlist Inspection/Development & Cert of Subst. Completion											
	Task 6.5	Final Inspection/Project Inspection											
	Task 6.6	As-Built Drawings											
	Task 6.7	Design Support - As Directed											
		TOTAL HOURS	90	336	912	1,160	1,248	1,408	176	0	0	0	5,330
		HOURLY RATES	83.37 \$	86 \$	67 \$	60 \$	52 \$	52 \$	35 N/A	N/A	N/A	N/A	
		TOTAL DIRECT LABOR	7,503 \$	28,778 \$	61,301 \$	69,544 \$	64,780 \$	73,001 \$	6,115 \$	- \$	- \$	- \$	311,023
		INDIRECT LABOR COST [OVERHEAD@122.39%]	8,819 \$	33,826 \$	72,053 \$	81,743 \$	76,143 \$	85,806 \$	7,187 \$	- \$	- \$	- \$	365,576
		TOTAL LABOR COST	16,322 \$	62,605 \$	133,354 \$	151,287 \$	140,923 \$	158,807 \$	13,302 \$	- \$	- \$	- \$	676,599

NJ TRANSIT Resilience Program
Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering
REQUEST FOR PROPOSAL NO. 16-006

ATTACHMENT D-5
STAFFING SCHEDULE BY FIRM

FIRM YU

Phase	No.	Task	Principal	Senior Consultant	Design Team Leader	Project Specialist	Supervising Eng	Principal Eng	Senior Eng	Eng	CAD Tech	Admin	Subtotal
Project Requirements													
	Task 1.01	Project Management Plan											
	Task 1.02	Project Control											
	Task 1.03	Records Management Control System											
	Task 1.04	Quality Management											
	Task 1.05	Design Control											
	Task 1.06	Project Meetings											
	Task 2	Risk Management											
	Task 3	System Safety Management Plan (SSMP)											
Phase IA: Conceptual Design													
	Task 4.1	Design Review / Pedestal Pit / Wayside Power											
Phase IB: Preliminary Design													
	Task 4.2	Preliminary Design											
	Task 4.3	Update Design Criteria											
	Task 4.4	Track Design											
	Task 4.5	Civil Design											
	Task 4.6	Bridges, Building & Structures											
	Task 4.7	Traction Power/Electrical Design											
	Task 4.8	Signal Systems											
	Task 4.9	Cost and Schedule											
	Task 4.10	Supplemental Survey											
	Task 4.11	Utility Relocation Preliminary Estimates											
	Task 4.12	Geotechnical Investigations	38	72			228	224		280	96		938
	Task 4.13	Environmental											
	Task 4.14	Optional Pedestal Pit											
	Task 4.15	Value Engineering											
	Task 4.16	As-Directed Preliminary Design											
Phase II: Preparation of Final Plans, Specifications, and Estimates													
	Task 5.1	Design Development (60% Design)	6	16			40	40					102
	Task 5.1.1	Optional Pedestal Pit (60%)											
	Task 5.2	Final Design (90% Complete Documents)	4	8			24	16					52
	Task 5.2.1	Optional Pedestal Pit (90%)											
	Task 5.3	Final Design (100% Complete Documents)	4	16			36	20					76
	Task 5.3.1	Optional Pedestal Pit (100%)											
	Task 5.4	Peer Review											
	Task 5.5	Interagency Coordination - Final Design											
	Task 5.6	As-Directed Final Design											
	Task 5.7	Construction Bid Package											
Phase III: Construction Support Services (NOT IN SCOPE)													
	Task 6.1	Response to Questions											
	Task 6.2	Change Order Preparation/Evaluation											
	Task 6.3	Shop Drawing Review and Material Approvals											
	Task 6.4	Punchlist Inspection/Development & Cert of Subst. Completion											
	Task 6.5	Final Inspection/Project Inspection											
	Task 6.6	As-Built Drawings											
	Task 6.7	Design Support - As Directed											
		TOTAL HOURS	52	212	0	0	328	300	0	280	96	0	1,168
		HOURLY RATES	\$ 97.89	\$ 75.48	N/A	N/A	\$ 56.45	\$ 42.78	N/A	\$ 34.42	\$ 30.80	N/A	
		TOTAL DIRECT LABOR	\$ 5,091	\$ 8,454	\$ -	\$ -	\$ 18,516	\$ 12,835	\$ -	\$ 9,638	\$ 2,957	\$ -	\$ 57,490
		INDIRECT LABOR COST(OVERHEAD@168.00%)	\$ 8,552	\$ 14,202	\$ -	\$ -	\$ 31,107	\$ 21,562	\$ -	\$ 16,191	\$ 4,967	\$ -	\$ 96,583
		TOTAL LABOR COST	\$ 13,643	\$ 22,656	\$ -	\$ -	\$ 49,623	\$ 34,397	\$ -	\$ 25,829	\$ 7,924	\$ -	\$ 154,073

NJ TRANSIT Resilience Program
Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering
REQUEST FOR PROPOSAL NO. 16-006

ATTACHMENT D-5
STAFFING SCHEDULE BY FIRM

FIRM SSA

Phase	No.	Task	Principal	Senior Consultant	Design Team Leader	Project Specialist	Supervising Eng	Principal Eng	Senior Eng	Engineer	CAD Tech	Admin	Subtotal
Project Requirements													
	Task 1.01	Project Management Plan											
	Task 1.02	Project Control											
	Task 1.03	Records Management Control System											
	Task 1.04	Quality Management											
	Task 1.05	Design Control											
	Task 1.06	Project Meetings											
	Task 2	Risk Management											
	Task 3	System Safety Management Plan (SSMP)											
Phase IA: Conceptual Design													
	Task 4.1	Design Review / Pedestal Pit / Wayside Power											
Phase IB: Preliminary Design													
	Task 4.2	Preliminary Design		24	12		16			8			60
	Task 4.3	Update Design Criteria											
	Task 4.4	Track Design											
	Task 4.5	Civil Design											
	Task 4.6	Bridges, Building & Structures		64	92		80	132		80	740		688
	Task 4.7	Traction Power/Electrical Design											
	Task 4.8	Signal Systems											
	Task 4.9	Cost and Schedule											
	Task 4.10	Supplemental Survey											
	Task 4.11	Utility Relocation Preliminary Estimates											
	Task 4.12	Geotechnical Investigations											
	Task 4.13	Environmental											
	Task 4.14	Optional Pedestal Pit											
	Task 4.15	Value Engineering											
	Task 4.16	As-Directed Preliminary Design											
Phase II: Preparation of Final Plans, Specifications, and Estimates													
	Task 5.1	Design Development (60% Design)											
	Task 5.1.1	Optional Pedestal Pit (60%)											
	Task 5.2	Final Design (90% Complete Documents)											
	Task 5.2.1	Optional Pedestal Pit (90%)											
	Task 5.3	Final Design (100% Complete Documents)											
	Task 5.3.1	Optional Pedestal Pit (100%)											
	Task 5.4	Peer Review		36									36
	Task 5.5	Interagency Coordination - Final Design											
	Task 5.6	As-Directed Final Design											
	Task 5.7	Construction Bid Package											
Phase III: Construction Support Services (NOT IN SCOPE)													
	Task 6.1	Response to Questions											
	Task 6.2	Change Order Preparation/Evaluation											
	Task 6.3	Shop Drawing Review and Material Approvals											
	Task 6.4	Punchlist Inspection/Development & Cert of Subst. Completion											
	Task 6.5	Final Inspection/Project Inspection											
	Task 6.6	As-Built Drawings											
	Task 6.7	Design Support - As Directed											
		TOTAL HOURS	0	124	104	0	96	132	0	88	240	0	784
		HOURLY RATES	N/A	\$ 93.62	\$ 72.10	N/A	\$ 51.81	\$ 48.00	N/A	\$ 31.50	\$ 30.98	N/A	
		TOTAL DIRECT LABOR	\$ -	\$ 11,609	\$ 7,498	\$ -	\$ 4,974	\$ 6,336	\$ -	\$ 2,772	\$ 7,435	\$ -	\$ 40,624
		INDIRECT LABOR COST[OVERHEAD@132.00%]	\$ -	\$ 15,323	\$ 9,898	\$ -	\$ 6,565	\$ 8,364	\$ -	\$ 3,659	\$ 9,814	\$ -	\$ 53,624
		TOTAL LABOR COST	\$ -	\$ 26,932	\$ 17,396	\$ -	\$ 11,539	\$ 14,700	\$ -	\$ 6,431	\$ 17,250	\$ -	\$ 94,248

NJ TRANSIT Resilience Program
Phase 2 - Long Slip Canal Fill and Rail Enhancement Project Final Design and Engineering
REQUEST FOR PROPOSAL NO. 16-006

ATTACHMENT D-5
 STAFFING SCHEDULE BY FIRM

FIRM VIA

Task	Principal	Senior Consultant	Design Team Leader	Project Specialist	Supervising Eng/Arch/Plan	Principal Eng/Arch/Plan	Senior Eng/Arch/Plan	Eng/Arch/Plan	CAD Tech	Admin	Subtotal
Project Management Plan											
Project Control											
Records Management Control System											
Quality Management											
Design Control											
Project Meetings											
Risk Management											
System Safety Management Plan (SSMP)											
Design Review / Pedestal Pit / Wayside Power											
Preliminary Design											
Update Design Criteria											
Track Design											
Civil Design											
Bridges, Building & Structures											
Traction Power/Electrical Design											
Signal Systems											
Cost and Schedule											
Supplemental Survey											
Utility Relocation Preliminary Estimates											
Geotechnical Investigations											
Environmental											
Optional Pedestal Pit											
Value Engineering		100	80	80	160	240	80	80	80	80	980
As-Directed Preliminary Design											
s, Specifications, and Estimates											
Design Development (60% Design)											
Optional Pedestal Pit (60%)											
Final Design (90% Complete Documents)											
Optional Pedestal Pit (90%)											
Final Design (100% Complete Documents)											
Optional Pedestal Pit (100%)											
Peer Review											
Interagency Coordination - Final Design											
As-Directed Final Design											
Construction Bid Package											
ervices (NOT IN SCOPE)											
Response to Questions											
Change Order Preparation/Evaluation											
Shop Drawing Review and Material Approvals											
Punchlist Inspection/Development & Cert of Subst. Completion											
Final Inspection/Project Inspection											
As-Built Drawings											
Design Support - As Directed											
TOTAL HOURS	0	100	80	80	160	240	80	80	80	80	980
HOURLY RATES	N/A	\$ 79.10	\$ 69.47	\$ 97.84	\$ 85.82	\$ 85.51	\$ 42.75	\$ 51.39	\$ 35.97	\$ 30.84	
TOTAL DIRECT LABOR	- \$	7,910	5,558	7,827	13,731	20,522	3,420	4,111	2,878	2,467	68,424
INDIRECT LABOR COST(OVERHEAD@112.7%)	- \$	8,911	6,261	8,818	15,470	23,121	3,853	4,632	3,242	2,780	77,087
TOTAL LABOR COST	- \$	16,821	11,819	16,645	29,201	43,643	7,273	8,743	6,120	5,247	145,511



About AECOM

AECOM is built to deliver a better world. We design, build, finance and operate infrastructure assets for governments, businesses and organizations in more than 150 countries. As a fully integrated firm, we connect knowledge and experience across our global network of experts to help clients solve their most complex challenges. From high-performance buildings and infrastructure, to resilient communities and environments, to stable and secure nations, our work is transformative, differentiated and vital. A *Fortune* 500 firm, AECOM had revenue of approximately \$18 billion during fiscal year 2015. See how we deliver what others can only imagine at aecom.com and [@AECOM](https://twitter.com/AECOM).

AECOM USA, Inc.
One Penn Plaza
Suite 600
New York, NY 10119

aecom.com

**NJ TRANSIT AGREEMENT NO. 16-006
LONG SLIP FILL AND RAIL ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING & CONSTRUCTION
ASSISTANCE SERVICES**

**EXHIBIT C –
NJ TRANSIT TRAVEL & BUSINESS REIMBURSEMENT GUIDELINES FOR
CONTRACTORS AND VENDORS**

**Per Diem (Major Cities)*
Effective October 1, 2015**

* \$51 Standard Meal Rate applies to all destinations not specifically listed
Average Per Diem Rates are listed below
A full listing of domestic Per Diem Rates can be found online at www.gsa.gov
Current foreign Per Diem Rates can be found at <http://aoprals.state.gov>

NJ TRANSIT

**TRAVEL & BUSINESS REIMBURSEMENT GUIDELINES
FOR CONTRACTORS AND VENDORS**

GENERAL:

All overnight travel must be authorized in writing by the Project Manager. Overnight lodging expenses for New York City are prohibited.

These guidelines are subject to periodic review and adjustment by NJ TRANSIT.

1. **Meals:** NJ TRANSIT has adopted the IRS-established "Major Cities" method for meal and incidental travel expenses within the continental United States.

The following table shows the average per diem rates for meals and incidental expenses while on travel. The M&IE rates differ by travel location. View the per diem rates for your destination to determine which M&IE rates apply.

M&IE Total	\$51.00	\$54.00	\$59.00	\$64.00	\$69.00	\$74.00
Breakfast	\$11.00	\$12.00	\$13.00	\$15.00	\$16.00	\$17.00
Lunch	\$12.00	\$13.00	\$15.00	\$16.00	\$17.00	\$18.00
Dinner	\$23.00	\$24.00	\$26.00	\$28.00	\$31.00	\$34.00
Incidentals	\$5.00	\$5.00	\$5.00	\$5.00	\$5.00	\$5.00

"Incidentals" as defined by the IRS include "fees and tips given to porters, baggage carriers, bellhops, hotel maids, stewards and stewardesses and others on ships and hotel servants".

2. **Conveyances:** Travel expenses will be reimbursed subject to their reasonableness and subject to the following maximums (receipts required):
 1. **Air-Fare:** When authorized in writing and only at the prevailing coach rates. First class travel costs are not reimbursable.
 2. **Rail or Bus:** Only regular coach fares are reimbursable.
 3. **Automobile:** Mileage will be reimbursed at a rate of \$0.54 cents per mile. Mileage claims in excess of 30 miles one-way must be supported with documentation from a reputable online service (e.g. Map Quest). Gas, tolls and parking fees will be reimbursed only when validated by receipt.
3. **Lodging:** Reimbursed for single occupancy rates at reasonable, actual costs for the location. Lodging costs exceeding \$140.00 per night require prior approval of the Project Manager.

**NJ TRANSIT AGREEMENT NO. 16-006
LONG SLIP FILL AND RAIL ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING & CONSTRUCTION
ASSISTANCE SERVICES**

**EXHIBIT D – DISADVANTAGED BUSINESS ENTERPRISES (DBE)
REQUIREMENTS AND FORMS**

**NJ TRANSIT AGREEMENT NO. 16-006
LONG SLIP FILL AND RAIL ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING & CONSTRUCTION
ASSISTANCE SERVICES**

**EXHIBIT D – DISADVANTAGED BUSINESS ENTERPRISES (DBE)
REQUIREMENTS AND FORMS**

Chris Christie, Governor
Kim Guadagno, Lieutenant Governor
Jamie Fox, Board Chairman
Veronique Hakim, Executive Director



One Penn Plaza East
Newark, NJ 07105-2246
973-491-7000

NJ TRANSIT'S DISADVANTAGED BUSINESS ENTERPRISE (DBE) PROGRAM POLICY STATEMENT

TO ALL NJ TRANSIT EMPLOYEES AND THE CONTRACTING COMMUNITY:

The NEW JERSEY TRANSIT CORPORATION (NJ TRANSIT) administers its Disadvantaged Business Enterprise (DBE) Program in accordance with the U.S. Department of Transportation (USDOT) regulation 49 CFR Part 26, and hereby reaffirms and formalizes its commitment to the DBE Program, and its objective: to create a "level playing field" in NJ TRANSIT's procurement activities.

As a major provider of public transportation with thousands of employees who have extensive daily contact with the public, NJ TRANSIT recognizes its responsibility to the community that it serves. It is the policy and commitment of NJ TRANSIT not to discriminate based on race, color, national origin, or sex in the award and performance of any NJ TRANSIT contract or in the administration of its DBE Program. It is also the policy of NJ TRANSIT to ensure that DBE's have a fair opportunity to be informed about, compete for, and participate in USDOT-assisted contracts.

In keeping with this commitment and this agency's obligations under 49 CFR Part 26, NJ TRANSIT will make every effort to achieve the following objectives:


- Ensure that only firms that fully meet eligibility standards of 49 CFR Part 26 are permitted to participate as DBE's on NJ TRANSIT contracts.
- Remove barriers that may prevent some DBE's from being able to participate on NJ TRANSIT contracts; and,
- Support the development of DBE firms, so they can compete successfully in the marketplace outside of the DBE Program.

Implementation of the DBE Program is accorded the same priority as compliance with all other legal obligations required by the USDOT. Contractors/Consultants shall comply with the DBE Program requirements in the award and administration of NJ TRANSIT contracts. Failure by the contractor/consultant to carry out these requirements shall constitute a breach of the contract, which could result in the termination of the contract or other such remedy, as NJ TRANSIT deems appropriate.

The VP of the Office of Civil Rights & Diversity Programs is the Disadvantaged Business Enterprise Liaison Officer (DBELO) for NJ TRANSIT and is responsible for implementing all aspects of NJ TRANSIT's DBE program and ensuring appropriate DBE participation in NJ TRANSIT's procurement activities.

NJ TRANSIT's Board of Directors is committed to the DBE Program. All Assistant Executive Directors, General Managers, Chiefs, and their staff, and DBE and non-DBE business communities that participate in USDOT-assisted contracts all share in the responsibility for making NJ TRANSIT's DBE Program a success. This policy is disseminated to all tiers of our organization, and to the DBE and non-DBE business communities that participate in our USDOT-assisted contracts.

Date: Oct 1, 2014



Veronique Hakim
Executive Director

Chris Christie, Governor
Kim Guadagno, Lieutenant Governor
Joseph D. Bertoni, Acting Board Chairman
Veronique Hakim, Executive Director

NJTRANSIT
One Penn Plaza East
Newark, NJ 07105-2246
973-491-7000

**ANNOUNCEMENT
CHANGE IN POLICY (PROOF OF DBE CERTIFICATION)
TO ALL EMPLOYEES AND CONTRACTING COMMUNITY**

Effective September 1, 2014, the New Jersey Unified Certification Program (NJUCP) partners will no longer issue certificates as proof of DBE certification. The certifying partners (NJDOT, PANY/NJ and NJT) will continue to issue certification letters to firms, which include the North American Industry Classification System (NAICS) codes assigned to the firm based on the business activities or services it renders. The DBE firm should retain the letter as proof of DBE certification. Bidders shall request this letter from the DBE firm(s) and submit with all other required documents in the Bid or Proposal.

If you have any questions pertaining to this change please contact Ms. Lisa-Marie Codrington, Director of Contract Compliance at (973) 491-8941 or Mr. L. A. Hernández, Manager, Certification and Outreach at (973) 491-7530.

**NEW JERSEY TRANSIT CORPORATION
DBE REQUIREMENTS FOR
RACE-CONSCIOUS
FEDERAL PROCUREMENT ACTIVITIES**

TABLE OF CONTENTS

TITLE OF ARTICLE	PAGE
1.1 POLICY.....	2
1.2 ASSURANCE.....	2
1.3 DBE GOAL FOR THIS PROJECT.....	3
1.4 GUIDANCE TO BIDDER/PROPOSERS/PRIMES.....	3
1.5 TRANSIT VEHICLE MANUFACTURERS (TVM).....	3-4
1.6 RESPONSIBLE BID/PROPOSAL CRITERIA.....	4
2.0 GUIDANCE ON A GOOD FAITH	4-5
2.2 A GOOD FAITH EFFORT.....	5-6
2.3 REQUIRED FORMS.....	6
2.4 SUPPLEMENTAL REQUIRED FORMS (IF APPLICABLE).....	6-7
2.5 INSTRUCTIONS FOR COMPLETING REQUIRED FORMS.....	7-9
2.6 INSTRUCTIONS FOR COMPLETING SUPPLEMENTAL REQUIRED FORMS.....	9
3.0 GUIDANCE ON COUNTING DBE PARTICIPATION	10-11
3.2 COUNTING DBE PARTICIPATION.....	11
3.3 DBE PRIME CONTRACTOR GUIDANCE.....	11
3.4 DBE TRUCKING FIRM GUIDANCE.....	11
3.5 LEASING TRUCKS.....	12
3.6 COUNTING MATERIALS AND SUPPLIES.....	12
4.0 TERMINATION OF DBE(s).....	13
4.2 ADDITION OF DBE(s).....	13
4.3 REPLACEMENT OR REMOVAL OF DBE(s).....	13-14
4.4 WITHDRAWN DBE(s).....	14
4.5 DECERTIFIED DBE(s).....	14-15
5.0 AWARD OBLIGATIONS.....	15
5.2 POST AWARD DELIVERABLES	15-18
5.3 PROMPT PAYMENT OF INVOICES TO SUBCONTRACTORS.....	16
5.4 SUBCONTRACT PAYMENT DISPUTE RESOLUTION.....	16-17
5.5 PROMPT PAYMENT OF SUBCONTRACTOR RETAINAGE.....	17
5.6 AUDIT AND SANCTIONS.....	17-18
5.7 LIQUIDATED DAMAGES.....	18
APPENDIX 1 (GLOSSARY).....	19-20

**NEW JERSEY TRANSIT CORPORATION
DBE REQUIREMENTS FOR
RACE-CONSCIOUS
FEDERAL PROCUREMENT ACTIVITIES**

The following pages provide Bidders/Proposers/Primes on federal contracts with New Jersey Transit (NJT), information about NJT's Disadvantaged Business Enterprise (DBE) Program, administered by the Office of Business Development (OBD). Prospective Bidders/Proposers/Primes will have an opportunity to ask questions regarding the directives contained in the DBE specifications at the pre-bid/pre-proposal conference(s). Further clarification of the DBE specifications, along with assistance in completing the forms, can be obtained by calling (973) 491-7593.

A list of certified DBE firms may be found in the NJ Unified Certification Program (NJUCP) Directory at www.njucp.net. **Note: Use of this list does not relieve the Bidder/Proposer/Prime contractor/consultant of responsibility to seek DBE participation from other sources. The list is updated daily and must be checked periodically, as firms are certified and decertified daily.**

These DBE specifications are a part of the Contract and shall be binding upon the successful Bidder/Proposer and Prime in the pre and post-award stages of NJT professional services, construction, and goods and services contracts. These specifications shall be binding upon sub-recipients and imposed on their contractors.

1.1 POLICY

As defined in the U.S. Department of Transportation (USDOT) Regulation 49 CFR Part 26, it is the policy of NJT that Disadvantaged Business Enterprises shall have the opportunity to compete for and participate in the performance of contracts financed in whole or in part with federal funds. Each subcontract a Prime signs with a subcontractor/subconsultant must include the following assurance referenced in article 1.2.

1.2 ASSURANCE

- 1.2.1** The Prime contractor/consultant, or subcontractor/subconsultant shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The Prime contractor/consultant shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the contractor/consultant to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy, as the recipient deems appropriate (49 CFR 26.13).
- 1.2.2** This language is included to comply with relevant Federal law and to ensure that all persons who enter into any direct or indirect form of contractual agreement with NJT are aware of their responsibilities and the commitment of NJT to see that NJT's DBE Policy is carried out in all instances.

1.3 DBE GOAL FOR THIS PROJECT

As an aid in meeting the commitment of its DBE Program, NJT is setting a *race conscious* goal of awarding _____ percent of the gross sum bid/proposal to certified NJUCP DBE firms. Should the actual contract amount increase or decrease, through approved change order(s), the assigned goal may remain. The OBD will determine if the change orders and/or contract phases will result in an adjustment to the DBE participation goal.

1.4 GUIDANCE TO BIDDER/PROPOSERS/PRIMES

- 1.4.1 Failure by a Bidder/Proposer/Prime to comply with any of the requirements contained herein shall result in breach of contract and it shall be subject to the appropriate penalties, remedies, or liquidated damage(s). Refer to articles 5.6-5.7
- 1.4.2 All required forms, including the supplemental section (see articles 2.3-2.4) must be submitted in accordance with the requirements. **Firms must be certified under the NJUCP at the time of contract award in order to obtain DBE credit toward the goal.**
- 1.4.3 Price alone is not an acceptable basis for rejecting a DBE subcontractor/subconsultant's bid.
- 1.4.4 The Bidder/Proposer/Prime shall, at a minimum, seek DBEs in the same geographic area in which it generally seeks subcontractors/subconsultants. However, the Bidder/Proposer/Prime may be required to expand its search under specific circumstances as determined by OBD. Refer to article 2.0
- 1.4.5 Agreements between a Bidder/Proposer/Prime and a DBE in which the DBE promises not to provide subcontracting quotations to other Bidder/Proposers are prohibited.
- 1.4.6 The desire of a Bidder/Proposer/Prime to self-perform the work of a contract with its own organization is not an acceptable basis to not meet the goal or demonstrate a good faith effort to do so.
- 1.4.7 The Bidder/Proposer/Prime is responsible for verifying that the DBE is certified under the appropriate NAICS code for the scope of work identified. DBE credit shall be given only for work performed in the NAICS code(s) under which the DBE is certified.
- 1.4.8 A DBE firm listed on the First-Tier DBE Utilization Form (Form A) shall constitute a binding representation to NJT, by the Bidder/Proposer/Prime, that the DBE firm is qualified, available, and certified under the appropriate and required NAICS code to perform the scope of work identified. Refer to article 2.5a

1.5 TRANSIT VEHICLE MANUFACTURERS (TVM)

- 1.5.1 As a transit vehicle manufacturer, you must establish and submit for FTA's approval an annual overall DBE percentage goal. A TVM must certify that it submitted the annual DBE goal required by 49 CFR 26.49 and FTA has approved it or not disapproved it.
 - (a) As a condition of being authorized to bid or propose on FTA assisted transit vehicle procurements, the Bidder/Proposer must complete and submit the TVM Certification form with the bid/proposal certifying that it has complied with the requirements of 49 CFR 26.49.
- 1.5.2 NJT may, with FTA approval, establish project-specific goals for DBE participation in the procurement of transit

vehicles in lieu of complying with the procedures of this section.

1.6 RESPONSIBLE BID/PROPOSAL CRITERIA

- 1.6.1 As a matter of responsibility, the two lowest Bidders or two highest ranked Proposers must submit the required forms, including the supplemental section (if applicable), with the bid/proposal or within seven (7) days after the bid opening or proposal due date. *NJT may grant a formal written request to extend this 7-day requirement at its sole discretion on a case-by-case basis.*
- 1.6.2 Failure to satisfactorily complete or submit all required forms when due may result in determination by NJT that the Bidder/Proposer is non-responsible and may cause rejection of the bid or proposal.
- 1.6.3 If the two lowest Bidders/highest ranked Proposers submit the DBE forms, but fail to meet the DBE goal, the OBD will consider the efforts made to determine if a Bidder/Proposer/Prime has in fact, demonstrated a good faith effort. See article 2.0
- 1.6.4 If it is determined that efforts were made to include DBE participation on the contract, however these efforts did not result in meeting the goal, NJT may request that additional efforts be made within 10 business days of the request. If at this time the Bidder/Proposer fails to demonstrate a good faith effort to achieve the goal, NJT shall consider awarding the contract to the next lowest bidder or highest ranked proposer who offers a reasonable price and meets the DBE goal or demonstrates a good faith effort and other bid requirements or requirements of 49 CFR Part 26.

2. GUIDANCE ON A GOOD FAITH EFFORT

- 2.1 To demonstrate a good faith effort to meet the DBE goal, a Bidder/Proposer/Prime shall provide written documentation in addition to Form D (article 2.3a), of the steps it has taken, prior to the bid opening/proposal due date, or during the life of the contract to obtain DBE participation. The Bidder/Proposer/Prime can meet this requirement in either of two ways:
 - (1) The Bidder/ Proposer/Prime can meet the goal.
 - (2) The Bidder/Proposer/Prime shall exhaust the available options referenced in article 2.2 in making a continuous good faith effort to meet the assigned contract goal for the life of the contract.
- (a) The efforts employed by the bidder should be those that one could reasonably expect a bidder to take if the bidder were actively and aggressively trying to obtain DBE participation sufficient to meet the contract goal.
- (b) In determining a good faith effort, the OBD will consider the quality, quantity, and intensity of the different kinds of efforts that the Bidder/Proposer/Prime has made. Mere *pro forma* efforts will not be considered as demonstration of good faith effort to meet the DBE contract requirements.
- (c) The Bidder/Proposer/Prime shall use good business judgment and consider a number of factors in negotiating with subcontractors/subconsultants, including DBE subcontractors/ subconsultants, and should take a firm's price and capabilities as well as contract goals into consideration. The fact that there may be some additional costs involved in finding and using DBEs is not in itself sufficient reason for a Bidder's/Proposer's failure to meet the contract DBE goal, as long as such costs are reasonable as determined by NJT. Primes are not, however, required to accept higher quotes from DBEs if the price difference is excessive or unreasonable.

- (d) The Bidder/Proposer/Prime's ability or desire to perform the work of a contract with its own organization (self-performance) does not relieve the Bidder/Proposer/Prime of the responsibility to meet the goal or demonstrate a good faith effort.
- (e) The Bidder/Proposer/Prime shall not reject DBEs as being unqualified without sound reasons based on a thorough investigation of their capabilities. The Bidder/Proposer/Prime's standing within its industry, membership in specific groups, organizations, or associations and political or social affiliations (for example, union vs. non-union employee status) are not legitimate causes for the rejection or non-solicitation of bids in the Bidder/Proposer/Prime's efforts to meet the assigned project goal.
- (f) The OBD will support the Bidder/Proposer/Prime in identifying ways to meet the assigned contract goal.

2.2 A GOOD FAITH EFFORT

The following is a list of actions that NJT will consider as evidence of a Bidder/Proposer/Prime's good faith effort to obtain DBE participation. While exhausting the available options in this list may count as a good faith effort, this list is not intended to be a mandatory checklist, nor is this list intended to be exclusive or exhaustive of all the efforts a Bidder/Proposer/Prime might make to achieve the assigned DBE goal. NJT may require a Bidder/Proposer/Prime to take action above and beyond those listed below to meet the assigned DBE goal.

- (a) The Bidder/Proposer/Prime shall solicit through all reasonable and available means (e.g. attendance at pre-bid meetings, advertising and/or written notices) the interest of all certified DBEs who have the capacity to perform the work of the contract.
 - (1) The Bidder/Proposer/Prime must solicit this interest within sufficient time to allow the DBE to respond to the solicitation.
 - (2) The Bidder/Proposer/Prime must take appropriate steps to follow up on initial solicitations in order to determine with certainty if the DBE firms are interested.
- (b) The Bidder/Proposer/Prime shall select portions of the work to be performed by DBEs in order to increase the likelihood that the DBE goals will be achieved. This includes, where appropriate, breaking out contract work items into economically feasible units to facilitate DBE participation, even when the Prime might otherwise prefer to perform these work items with its own forces.
- (c) The Bidder/Proposer/Prime shall provide interested DBEs with adequate information about the plans, specifications, and requirements of the contract in a timely manner to assist them in responding to a solicitation.
- (d) The Bidder/Proposer/Prime shall negotiate with a DBE(s) with the intent to enter into a contract. It is the Bidder/Proposer's responsibility to make a portion of the work available to DBE subcontractors/subconsultants and suppliers and to select those portions of the work or material needs consistent with the available DBE Primes and suppliers, so as to facilitate DBE participation.
 - (1) **Evidence of such negotiation includes:** the names, addresses, and telephone numbers of DBEs that were considered; a description of the information provided regarding the plans and specifications for the work selected for subcontracting; and evidence as to why additional agreements could not be reached for DBEs to perform the work.
- (e) The Bidder/Proposer/Prime shall make efforts to assist interested DBEs in obtaining bonding, lines of credit, or

insurance as required by NJT or the Prime contractor.

- (f) The Bidder/Proposer/Prime shall make efforts to assist interested DBEs in obtaining necessary equipment, supplies, materials, or related assistance or services.
- (g) The Bidder/Proposer/Prime shall effectively use the services of available minority/women community organizations; minority/women Prime contractors groups; local, State and Federal minority/women business assistance offices; and other organizations as allowed on a case-by-case basis to provide assistance in the recruitment and placement of DBEs.

2.3 REQUIRED FORMS

- (a) **Form A - First Tier DBE Utilization:** Lists all First Tier DBE firms scheduled to participate on this contract.
- (b) **Form A1 - Bidder/Proposer Solicitation and Contractor Information:** Lists all DBE and Non-DBE sub contractor/subconsultants, including suppliers, solicited for, and participating on this contract.
- (c) **Form A2- Non-DBE Sub Utilization:** Lists all DBE and Non-DBE subcontractors/ subconsultants, including suppliers, participating on this contract.
- (d) **Form B - Intent to Perform as a DBE Sub:** Identifies the work the 1st Tier DBE intends to perform including scope of work, subcontract dollar value, etc.
- (e) **DBE Good Faith Effort Form (if applicable):** Identifies any DBE subcontractor invited to quote, but declined to do so for any reason.
- (f) **Trucking Commitment Agreement (if applicable):** Identifies all trucking firms (DBE and Non-DBE) participating on this contract, at any tier.
- (g) **NJ UCP DBE Certification & NAICS Code Verification:** Confirms the DBE status and NAICS code(s) of each First Tier DBE subcontractor/subconsultant.
- (h) ***Form E - Contractor's Monthly DBE Payment Report & Payment Certification Voucher (Post-Award):** Records monthly payments issued to each DBE subcontractor/subconsultant/supplier and monthly payments issued by NJ TRANSIT to the Prime. Certifies that DBE subs have been paid for previous month's invoices.
- (i) **Form E2 - DBE's Monthly Payment Report (Post-Award):** Records monthly invoices submitted by the DBE, payments owed to the DBE on past due invoices and payments received from the prime by each DBE subcontractor/subconsultant.
- (j) **Form E1-DBE Prime's Monthly Payment Report (For DBE Prime Only):** Records monthly payments issued to each DBE Prime by NJ TRANSIT to.

**This form is due from the Prime in each month following the notice to proceed issued by NJ TRANSIT. Refer to article 5.2.4*

2.4 SUPPLEMENTAL REQUIRED FORMS (IF APPLICABLE)

- (a) **Form AA - Second Tier DBE Utilization:** Lists all Second Tier DBE firms scheduled to participate on the

DBE sub-Prime's contract.

- (b) **Form AA1 – Second Tier Bidder/Proposer Solicitation and Contractor Information:** Lists all Second Tier DBE firms participating on this contract as indicated on Form AA and Form AA2.
- (c) **Form AA2- Second Tier Non-DBE Sub Utilization:** Lists all DBE and Non-DBE firms including suppliers participating on the DBE sub-Prime's contract.
- (d) **Form BB - Intent to Perform as a Second Tier DBE Sub:** Identifies the work the 2nd Tier DBE intends to perform including scope of work, subcontract dollar value, etc.
- (e) **NJ UCP DBE Certification & NAICS Code Verification:** Confirms the DBE status and NAICS code(s) of each Second Tier DBE subcontractor/subconsultant.

2.5 INSTRUCTIONS FOR COMPLETING REQUIRED FORMS (see glossary for definition of terms)

(a) **Form A - First Tier DBE Utilization:**

Form A is a formal agreement between the Bidder/Proposer and the DBE(s). Replacement/removal of DBE subcontractors/subconsultants/supplier identified on Form A is prohibited after the bid or proposal is submitted to NJT. Refer to article 4.3. A DBE Bidder/Proposer, which lists itself on Form A, is committed to performing the work indicated with its own personnel.

DBEs performing as second tier sub(s) to a non-DBE sub Prime should be listed with the name of the non-DBE sub Prime's firm name in parenthesis next to the DBE sub's name. (Ex: *DBE Electric Co. (Prime Contractor, Inc.)*)

(1) A first Tier DBE is required to perform at least 51% of its subcontract value with its own forces. Bidders/Proposers/Primes will not receive any credit for DBEs performing less than 51% and therefore must not be listed on this form.

(2) For DBE suppliers, identify all manufacturers, regular dealers, and brokers. If a DBE supplier is a *manufacturer*, indicate the full value of its subcontract. If a DBE supplier is a *regular dealer*, show its total contract value multiplied by 60% (Ex. \$100K x 60%= \$60K). If a DBE supplier is *neither a manufacturer nor a dealer*, indicate the fee/commission only, not the cost of materials or supplies. See article 3.0 for direction on determining credit toward the goal.

(3) A detailed scope of work must be provided; one-word descriptions are not acceptable. (Ex. *Haul and dispose of approximately 192,000 tons of contaminated soil to a clean earth facility at \$34.00 a ton*).

(b) **Form A1 - Bidder/Proposer/Prime Solicitation and Contractor Information:**

The Bidder/Proposer must complete and submit page one (1). The DBE and non-DBE subcontractors/subconsultants, including suppliers, solicited for, participating on, or expressed interest in this contract must complete page two (2).

(c) **Form A2- Non-DBE Sub Utilization:**

Bidders/Proposers are required to report and submit all dollars committed to non-DBE subcontractors/subconsultants/suppliers. The non-DBE portion of work is not counted toward the assigned DBE goal. See article 3.0

A detailed scope of work must be provided; one-word descriptions are not acceptable.

(Ex. Haul and dispose of approximately 192,000 tons of contaminated soil to a clean earth facility at \$34.00 a ton).

(d) **Form B - Intent to Perform as a First Tier DBE Sub:**

Each DBE subcontractor/subconsultant/supplier listed on Form A must complete and sign Form B. Note: The Bidder/Proposer/Prime is prohibited from completing any portion of the form and from directing DBE(s) to sign a blank form.

(1) The Bidder/Proposer/Prime must provide interested DBEs with a copy of appropriate plans, specifications, and requirements of the contract in a timely manner to allow the DBE to prepare an appropriate price quote and submit on time.

(2) First Tier DBEs must perform at least 51% of the total dollar value of its subcontract, with its own forces. The firm must indicate the percentage of the total portion of work to be subcontracted to DBE and non-DBE firms. The non-DBE percentage of work is not counted toward the assigned goal.

(3) The OBD encourages DBE-to-DBE subcontracting in order to preserve DBE participation credit. See article 3.0

(4) The DBE must provide a detailed scope of work; one-word descriptions are not acceptable. Descriptions should include: *type of services provided, total number of units, price per unit, total cost, etc.*

(e) **DBE Good Faith Effort: (If Applicable)**

Form D applies to any Bidder/Proposer/Prime who failed to meet the assigned DBE goal. This form will assist the Bidder/Proposer/Prime in demonstrating a good faith effort.

If the DBE(s) solicited declines to sign this form, the completed form should be submitted with the Bidder/Proposer's signature only and the OBD will verify the information provided with the firm. Refer to articles 2.0-2.2 for guidance.

(f) **Trucking Commitment Agreement: (If Applicable)**

DBEs must provide information for all DBE and non-DBE trucking firms it will lease from or subcontract to. Subcontracting to a non-DBE trucker means that the non-DBE will perform a portion of the DBE firm's subcontract. Refer to article 3.4

The following documents must be attached for all trucks owned: copy of title(s)/finance agreement(s), registration card(s), insurance card(s), apportioned cab card(s) and/or hazardous material license(s) if applicable. A copy of the title or finance agreement is the only acceptable proof of ownership.

The following documents must be attached for all trucks leased: copy of lease agreement(s) established between both firms, title(s), registration card(s), insurance card(s), lease agreement(s), apportioned cab card(s) and/or hazardous material license(s) if applicable.

(g) **NJ UCP DBE Certification and NAICS Code Verification:**

All DBEs listed on Form A must be certified at the time of contract award. It is the Bidder/ Proposer's responsibility to ensure that DBEs are certified and that their NAICS code(s) match the scope of work to be performed on this contract. Credit will not be given for any work to be performed without the appropriate NAICS code. Status can be verified through www.njucp.net and www.census.gov/eos/www/naics/.

(h) **Form E - Contractor's Monthly DBE Payment Report & Payment Certification Voucher:**

Beginning the month following the contract's notice to proceed, the Prime must report monthly payment activity for each DBE subcontractor/subconsultant/supplier; certifies each DBE sub has been paid any amounts due from previous or current progress payments paid to the Prime. (article 5.2.4)

All invoices 30 days past due from NJT must be listed in the appropriate field.

This report is due even if there is no payment activity. This form must be completed and submitted to the OBD by the 7th of each month to the attention of the OBD's Manager of Contract Compliance.

(i) **Form E1- DBE Prime's Monthly Payment Report (For DBE Prime Only)**

Beginning the subsequent month following the contract's execution date, the DBE Prime must report its monthly payments received by NJT. Refer to article 5.2.5.

All invoices 30 days past due from NJT must be listed in the appropriate field.

This report is due even if there is no payment activity. This form must be completed and submitted to the OBD by the 7th of each month to the attention of the OBD's Manager of Contract Compliance.

(j) **Form E2 – DBE's Monthly Payment Report:**

The Prime must provide a copy of the Form E2 to each DBE subcontractor/subconsultant/ supplier(s). Beginning the subsequent month following the DBE's execution date, the DBE firm must report its monthly payment activity.

This report is due even if there is no payment activity. **This form must be completed and submitted by the DBE only** to the OBD by the 7th of each month to the attention of the OBD's Manager of Contract Compliance.

All invoices 30 days past due must be listed in the appropriate field. Identify concerns or issues in the comments section to be addressed by the OBD. (Refer to article 5.2.6)

2.6 INSTRUCTIONS FOR COMPLETING SUPPLEMENTAL REQUIRED FORMS:

- (a) **Form AA – Second Tier DBE Utilization:** The Second Tier DBE must perform 100% of its subcontract with its own forces. A formal request to waive this requirement may be granted, solely at the discretion of the OBD;

however, approval is required.

A detailed scope of work must be provided; one-word descriptions are not acceptable.

(Ex. Haul and dispose of approximately 192,000 tons of contaminated soil to a clean earth facility at \$34.00 a ton).

(b) Form AA1 – Second Tier Bidder/Proposer Solicitation and Contractor Information:

The DBE sub-Prime must submit and complete page one (1). Second Tier DBE(s) solicited for and participating on this contract must complete page two (2).

(c) Form AA2- Second Tier Non-DBE Subcontractor Utilization:

DBE sub-Primes are required to report and submit all dollars committed to non-DBEs. The non-DBE portion of work is not counted toward DBE participation credit. Refer to article 3.0

A detailed scope of work must be provided; one-word descriptions are not acceptable.

(Ex. Haul and dispose of approximately 192,000 tons of contaminated soil to a clean earth facility at \$34.00 a ton).

(d) Form BB - Intent to Perform as a Second Tier DBE Subcontractor:

Each DBE firm listed on Form AA, must complete, and sign. Only Second Tier DBE(s) must complete and sign this form.

The Second Tier DBE must provide a detailed scope of work; one-word descriptions are not acceptable. Descriptions should include: type of services provided, total number of units, price per unit, total cost, etc

(e) NJ UCP DBE Certification & NAICS Code Verification:

All DBEs listed on Form AA must be certified at the time of contract award. It is the Bidder/Proposer/Prime's responsibility to ensure that DBEs are certified and that their NAICS code(s) match the scope of work to be performed on this contract. Credit will not be given for any work to be performed without the appropriate NAICS code. Status can be verified through www.njcup.net and www.census.gov/eos/www/naics/.

3.0 GUIDANCE ON COUNTING DBE PARTICIPATION

3.1 If a firm is not currently certified as a DBE in accordance with 49 CFR part 26 at the time of the execution of the contract, the firm's participation will not count toward the DBE goal.

3.1.1 A DBE performing less than 51% of its subcontract will not count toward the assigned goal and should not be listed on any forms.

3.1.2 When a DBE subcontracts part of the work of its contract to another firm, the value of the subcontracted work may be counted toward DBE goals only if the DBE's subcontractor/subconsultant is a DBE.

(a) Work that a DBE subcontracts to a non-DBE firm does not count toward the DBE contract goal.

(b) When a DBE performs as a participant in a joint venture with a Non-DBE, count the portion of the total dollar value of the contract equal to the distinct, clearly defined portion of the work of the contract that the DBE performs with its own forces toward DBE goals.

- (c) A DBE performs a *commercially useful function* when it is responsible for execution of the work of the contract and is carrying out its responsibilities by actually performing, managing and supervising the work involved.

A DBE does not perform a *commercially useful function* if its role is limited to that of an extra participant in a transaction, contract, or project through which funds are passed in order to obtain the appearance of DBE participation.

3.2 COUNTING DBE PARTICIPATION

3.2.1 When a DBE participates in a contract, only the value of the work actually performed by the DBE is counted toward DBE goals.

- (a) The entire amount of that portion of a contract that is performed by the DBE's own forces is counted. This includes the cost of supplies and materials obtained by the DBE for the work of the contract, as well as supplies purchased or equipment leased by the DBE (*except supplies and equipment the DBE subcontractor/subconsultant purchases or leases from the Prime contractor or its affiliate*).

3.2.2 The entire amount of fees or commissions charged by a DBE firm for providing a bona fide service, such as professional, technical, consultant, or managerial services, or for providing bonds or insurance specifically required for the performance of a contract, is counted toward DBE goals, provided the fee is reasonable and not excessive as compared with fees customarily allowed for similar services by a DBE.

3.3 DBE PRIME CONTRACTOR GUIDANCE

3.3.1 If a DBE Prime, expenditures are counted toward DBE goals only if the DBE is performing a commercially useful function on that contract.

3.3.2 A DBE Prime must perform or be responsible at least 30% of the total cost of its contract with its own workforce.

3.3.3 If a DBE Prime does not perform or exercise responsibility for at least 30% of the total cost of its contract with its own workforce or subcontracts a greater portion of the work of a contract than would be expected on the basis of normal industry practice for the type of work involved, NJT will consider that it is not performing a commercially useful function and the DBE Prime shall be in breach of the contract and subject to the appropriate remedies and penalties. Refer to Articles 5.6-5.7

3.4 DBE TRUCKING FIRMS GUIDANCE

3.4.1 A DBE trucking firm is performing a commercially useful function if:

- (a) The DBE is responsible for the management and supervision of the entire trucking operation for which it is responsible on a particular contract, and there is not a contrived arrangement for the purpose of meeting DBE goals.
- (b) The DBE itself owns and operates at least one fully licensed, insured, and operational truck to be used on the contract.

3.4.2 The DBE receives credit for the total value of the transportation services it provides on the contract using trucks it owns, insures, and operates using drivers it employs.

3.5 LEASING TRUCKS

3.5.1 Leased trucks must display the name and identification number of the DBE.

3.5.2 The DBE may lease trucks from another DBE firm, including an owner-operator that is certified as a DBE.

The DBE who leases trucks from another DBE receives credit for the total value of the transportation services the lessee DBE provides on the contract.

3.5.3 The DBE may also lease trucks from a non-DBE firm, including an owner-operator.

(a) The DBE who leases trucks from a non-DBE is entitled to credit only for the fee or commission it receives as a result of the lease arrangement.

3.5.4 For the purposes of this section (Leasing), a lease must indicate that the DBE has exclusive use of and control over the truck.

(a) This does not preclude the leased truck from working for others during the term of the lease with the consent of the DBE, so long as the lease gives the DBE absolute priority for use of the leased truck.

3.6 COUNTING MATERIALS AND SUPPLIES

3.6.1 Expenditures with DBEs for materials or supplies are counted toward DBE goals as provided in the following:

(a) If the materials or supplies are obtained from a DBE manufacturer, 100% of the cost of the materials or supplies are counted toward DBE goals.

(1) For purposes of this paragraph 3.6.1(a), a manufacturer is a firm that operates or maintains a factory or establishment that produces, on the premises, the material, supplies, articles, or equipment required under the contract and of the general character described by the specifications.

(b) If the materials or supplies are purchased from a DBE regular dealer, sixty percent (60%) of the cost of the materials or supplies is counted toward DBE goals.

(1) For purposes of this paragraph 3.6.1(b), a regular dealer is a firm that owns, operates, maintains a store, warehouse, or other establishment in which the materials, supplies, articles or equipment of the general character described by the specifications and required under the contract are bought, kept in stock, and regularly sold or leased to the public in the usual course of business.

(2) The firm must be an established, regular business that engages, as its principal business and under its own name, in the purchase and sale or lease of the products in question.

(3) A person may be a regular dealer in such bulk items as petroleum products, steel, cement, gravel, stone, or asphalt without owning, operating, or maintaining a place of business as provided above if the person both owns and operates distribution equipment for the products. Any supplementing of regular dealers' own distribution equipment shall be by a long-term lease agreement and not on an ad hoc or contract-by-contract basis.

(4) Packagers, brokers, manufacturers' representatives, or other persons who arrange or expedite transactions are not regular dealers within the meaning of this paragraph 3.6.1(b).

(c) With respect to materials or supplies purchased from a DBE, which is neither a manufacturer nor a regular dealer, only the entire amount of fees or commissions charged for assistance in the procurement of the

materials and supplies, or fees or transportation charges for the delivery of materials or supplies required on a job site, is counted toward DBE goals, provided the fees are determined to be reasonable and not excessive as compared with fees customarily allowed for similar service. However, any portion of the cost of the materials and supplies themselves do not count toward DBE goals.

4.0 TERMINATION OF DBE(s)

- 4.1 The Bidder/Proposer/Prime shall not terminate for convenience, or any other reason, and then perform the work of the terminated subcontractor/subconsultant with its own forces (self-perform) or those of an affiliate without NJT's prior written consent. Refer to Article 4.3.

Submission of all REQUIRED FORMS is mandatory for the following Articles 4.2 through 4.5

4.2 ADDITION OF DBE(s)

- 4.2.1 Should the Bidder/Proposer/Prime wish to add a DBE not listed on Form A, a written request for the addition of a DBE(s) must be submitted by the Bidder/Proposer/Prime.
- 4.2.2 The Bidder/Proposer/Prime must receive written approval of the OBD prior to the addition of the DBE subcontractor/subconsultant in order for the addition to be credited toward the goal.

4.3 REPLACEMENT OR REMOVAL OF DBE(s)

- 4.3.1 When a Prime is considering replacing or removing a DBE due to performance issues, the OBD must be contacted as soon as possible.
- 4.3.2 Request for DBE replacement or removal may be made under the following conditions:
- 1) The DBE materially fails to successfully perform the contract tasks.
 - 2) Under unusual situations referenced in article 4.3.8.
- 4.3.3 A written request for replacement or removal of a DBE(s) listed on Form A, must be submitted by the Bidder/Proposer/Prime to the OBD with complete justification for the request. The process to follow such requests is as follows:
- (a) Written communications (over a period) from the Prime and/or NJT's PM/CM team to the DBE, notifying the DBE of its poor performance must be provided to the OBD.
 - (b) The OBD will arrange a meeting with the DBE, the Prime, and a representative from Procurement and project management to discuss the specifics of the performance issue.
 - (c) The DBE must provide a written plan identifying the efforts it will make to correct the deficiencies.
 - (d) The Prime must provide the DBE with a minimum of 30 calendar days from acceptance of its plan to improve its performance. Throughout the 30-day window, the Prime and/or NJT PM/CM team must provide written communication to the DBE of any additional/continued performance issues, with a copy to the OBD.
- 4.3.4 The Bidder/Proposer/Prime must receive written approval of the OBD prior to replacement or removal of the DBE subcontractor/subconsultant can be made, regardless of the reason for the replacement or removal.
- 4.3.5 If the OBD issues written approval for the removal of a DBE(s), NJT will require a Bidder/Proposer/Prime to continue to demonstrate a good faith effort to replace the removed DBE to the extent needed to meet the contract

goal established by NJT for the procurement.

These good faith efforts shall be directed at finding another DBE to perform at least the same amount of work under the contract as the removed DBE.

4.3.6 Failure to obtain approval from the OBD prior to replacing or removing a DBE shall result in the Bidder/Proposer/Prime being found in breach of the contract and subject to the appropriate remedies, audits and penalties. Articles 5.6-5.7

4.3.7 If NJT finds that the Bidder/Proposer/Prime upon submission of its bid/proposal committed itself to the goal in good faith, the Bidder/Proposer/Prime may, in "unusual situations", be permitted to substitute a DBE subcontractor(s)/subconsultant(s).

4.3.8 The term "unusual situations", includes, but is not limited to, the following circumstances:

- (a) Failure to qualify as a DBE, or maintain DBE certification status.
- (b) Death or physical disability of a key individual.
- (c) Dissolution, if a corporation or partnership.
- (d) Bankruptcy of the subcontractor/subconsultant, subject to applicable bankruptcy law, and only in instances where the bankruptcy affects the subcontractor/subconsultant's ability to perform.
- (e) Inability to obtain, or loss of, a license necessary for the performance of the particular category of work.
- (f) Failure or inability to comply with a requirement of law applicable to Primes or subcontractors/subconsultants.

4.4 WITHDRAWN DBE(S)

4.4.1 When a DBE is unable to complete a subcontract (withdraws), for any reason, NJT will require a Bidder/Proposer/Prime to make a good faith effort to replace a withdrawn DBE at least to the extent needed to ensure that the Prime contractor is able to meet the contract goal established by NJT for the procurement. **These good faith efforts shall be directed at finding another DBE to perform at least the same amount of work under the contract as the removed DBE.**

4.4.2 The Bidder/Proposer/Prime is required to make a good faith effort to seek other DBE subcontractors/subconsultants in substitution of the original DBE. The good faith efforts described in article 2 are required in finding another DBE to perform at least the same amount of work under the contract as the DBE that was terminated, to the extent needed to meet the contract goal established for the procurement.

4.5 DECERTIFIED DBE(S)

4.5.1 If the Prime has reason to doubt that a proposed DBE is still eligible due to change in ownership, management, or size, the Prime shall, within 10 days of learning this information, notify NJT of that fact in writing.

4.5.2 If the subcontract has not been executed before the DBE's ineligibility occurs, the Prime will not receive credit toward the contract goal for the ineligible DBE. The Prime may continue to use the ineligible DBE, however, DBE participation credit will not be granted.

- (a) To the extent necessary to meet the assigned contract goal, the Prime will make a good faith effort to replace the ineligible DBE within 10 days after notification by the OBD. The OBD will support the Prime in its efforts to replace with an eligible DBE firm in order to meet the contract goal.

4.5.3 If the contract has been executed before the firm has been notified of its ineligibility, the Prime may continue to use the firm on the contract and receive credit toward its DBE goal for the duration of that particular phase of or option in the contract. This may not apply to future phases or options, which will be handled on a case-by-case basis at the sole discretion of the OBD.

4.5.4 *Exception:* If the DBEs ineligibility is caused solely by its having exceeded the size standard during the performance of the contract the Prime may continue to count its participation on that contract only toward the contract goals. This may not apply to future phases or options and will be subject to determination by the OBD.

5.0 AWARD OBLIGATIONS

5.1 The Prime must designate a DBE Liaison Officer. The liaison officer will be responsible to NJT regarding DBE subcontract matters.

5.1.1 If at any point during the contract's life, the Prime's DBE participation falls below the assigned goal, the Prime must identify additional work or new work items for which it will subcontract to DBEs to the extent necessary to meet the assigned goal. Any new scope of work issued to the Prime shall still be subject to the assigned goal.

5.1.2 The OBD will support the Prime in identifying current/future opportunities in the contract to meet the assigned contract goal.

5.1.3 Should the Prime seek a change that addresses the DBE's performance, or affects the work scope and/or compensation, the OBD must be notified, prior to implementation, for its review and approval of the changes as soon as possible. No change will be allowed without prior review and approval by the OBD. Failure to notify the office and obtain approval prior to a change shall result in breach of the contract and may be subject to the appropriate remedies, audits, and penalties.

5.1.4 Whenever NJT issues project change orders the goal may still apply; the OBD will determine if increased DBE participation will be required.

5.1.5 To ensure that all obligations under subcontracts awarded to DBEs are met NJT shall review the Prime's DBE Involvement efforts during the performance of the contract.

5.2 POST AWARD DELIVERABLES

5.2.1 After the execution of a contract with NJT, signed copies of subcontractor/subconsultant agreements between the Prime and DBE subcontractors must be submitted to the OBD no later than 10 business days after the Prime's contract execution date. The agreement between the Prime and DBE subcontractor shall remain firm for the duration of the contract.

5.2.2 The Prime shall provide a list of the anticipated job start date for all DBE subcontractors/subconsultants no later than two days after the initial pre-construction meeting.

5.2.3 Certification of DBE(s) Payments – submit monthly with the Form E to the Manager of the OBD and with its monthly invoice submittal to NJT project manager of this project. Refer to article 5.3.2

(a) The Prime will certify, prior to the issuance of each progress payment by NJT, that all DBE subs have been paid any amounts due on past due invoices from previous or current progress payments.

5.2.4 Form E (Contractor's Monthly DBE Payment Report & DBE Payment Certification Voucher) - submit monthly to the Manager of the OBD. Refer to articles 2.5h and 5.3.2.

Failure to submit this report on a monthly basis may result in breach of the contract and be subject to the appropriate remedies, penalties or liquidated damages as indicated in articles 5.6-5.7.

5.2.5 Form E1 (DBE Prime's Monthly Payment Report) (For DBE Prime Only) - submit monthly to the Manager of the OBD.

5.2.6 Form E2 (DBE's Monthly Payment Report) – Refer to article 2.5j

(a) Forms E/E1 and E2 will be reviewed monthly to determine compliance with the assigned DBE goal, the subcontractor prompt payment regulation, and the DBE Program.

(b) Attainment of goals will be monitored and based upon actual payments received by the DBE.

Failure to submit Form E/E1 may result in suspension of payments or such other remedies as provided in article 5.6. *If at any time, NJT has reason to believe that any person or firm has willfully and knowingly provided incorrect information or made false statements, it shall refer the matter to the USDOT for inquiry.*

5.3 PROMPT PAYMENT OF INVOICES TO SUBCONTRACTORS

5.3.1 The Prime must pay each subcontractor under this contract for satisfactory performance of its work no later than ten (10) days from the receipt of each payment the Prime receives from NJT for the subcontractor's work. Failure to comply with this requirement shall result in breach of the contract and shall be subject to the appropriate remedies as determined by OBD.

5.3.2 In accordance with 49 CFR 26.29, the Prime shall certify, prior to the issuance of a progress payment by NJT that all subcontractors have been paid any amounts due on past due invoices (greater than 30 days) from previous or current progress payments. The Prime must submit the Certification of DBE(s) Payments with its monthly invoice submittals to NJT project manager, and with its Form E to the OBD.

5.3.3 The Prime will not be reimbursed for work performed by subcontractors/subconsultants unless and until the Prime ensures that the subs are promptly paid for the work performed. Alternatively, the Prime shall certify that a valid basis exists under the terms of the subcontractor's/subconsultant's or supplier's contract to withhold payment from the subcontractor/subconsultant and therefore payment is withheld.

5.3.4 If the Prime withholds payment from the subcontractor/subconsultant, the Prime shall provide to the subcontractor/subconsultant or supplier written notice thereof. The notice shall detail the reason for withholding payment and state the amount of the payment withheld. If a performance/payment bond has been provided under this contract, the Prime shall send a copy of the notice to the surety providing the bond for the Prime. A copy of the notice shall also be submitted to NJT with the certification that payments are being withheld.

5.3.5 If withholding payment is due to the Prime's failure to promptly pay the DBE in accordance with the prompt payment of invoices and/or retainage clauses, the OBD may request proof of payment to DBE(s) for delinquent invoices and/or retainage in order to issue release of payment to Prime.

5.3.6 Failure to comply with the above shall result in breach of the contract and may be subject to the appropriate penalties. See article 5.6

5.4 SUBCONTRACTOR PAYMENT DISPUTE RESOLUTION

5.4.1 The Prime is required to notify the OBD of its intention to withhold payment from a DBE as soon as possible and in advance of taking action. Should the Prime provide notice and proceed to withhold payment from any subcontractor/subconsultant or supplier due to a performance issue or unapproved work performed, an OBD representative shall make an effort to resolve the dispute.

- (a) OBD's efforts shall be limited to meeting with the Prime and the subcontractor/ subconsultant, and reviewing the relevant facts with both parties.
- (b) OBD will not act as a decider of fact nor will OBD direct a settlement to the dispute.
- (c) Any OBD effort is solely intended to assist the parties in understanding their respective positions and to encourage a reasonable resolution of the dispute. The Prime is required to send written notification of the above to the OBD immediately.

5.4.2 Should payments be withheld that are not related to the previous items mentioned, and/or a determination can be made that the withholding of payments violates the prompt payment clause, NJT may execute the appropriate remedies in accordance with article 5.6.

5.5 PROMPT PAYMENT OF SUBCONTRACTOR RETAINAGE (FOR CONSTRUCTION CONTRACTS ONLY)

5.5.1 The Prime must include a contract clause in the subcontractor agreement obligating the Prime to pay all retainage owed to the subcontractor/subconsultant for satisfactory completion of the accepted scope of work no later than 15 days after the DBE subcontractor's/subconsultant's work is satisfactorily completed.

5.5.2 Only subcontractors/subconsultants whose work has been 100% completed, including all punch list work or remaining work, and who have supplied closeout documents shall be eligible for release of retainage. *Any delay or postponement of payment from the above referenced time frame may occur only for good cause following written approval of NJT.*

5.5.3 NJT may agree to release an equivalent amount of Prime retainage provided that:

- (a) There is no offsetting claims from NJT (including, but not limited to, liquidated damages), other subcontractors/subconsultants, material men, or workers;
- (b) None of the other reasons to withhold payments specified under the Prime contract exists.

5.5.4 Prior to release of the Prime's retainage, the Prime shall provide to NJT executed copies of the following subcontractor closeout documents, (shown in Appendix A of the contract) as appropriate:

- (a) Consent of Surety to Final Payment to the Subcontractor
- (b) Certificate of Amounts Due and Owing to Subcontractor Employees
- (c) Subcontractor Release of Claims
- (d) Subcontractor Release of Liens and a Certificate of Final Acceptance of Subcontractor Work

5.5.5 Notwithstanding NJT's release or partial release of retainage, nothing in this clause shall be deemed to constitute NJT's partial or final acceptance of the work, or any portion thereof, unless either a Certificate of Partial Acceptance or a Certificate of Final Acceptance has been executed by NJT, in the form(s).

5.6 Audit and Penalties

During the performance of any contract and for a period of up to three (3) years following completion of the contract work, NJ TRANSIT may conduct reviews for compliance with the requirements of the DBE Program. Such reviews may include, but not be limited to, the evaluation of monthly reports, desk audits and site visitations.

5.6.1 Where a Prime is found to be in breach of the requirements of the DBE Program during the performance of the contract, and does not promptly take corrective action, the following sanctions may be instituted (singularly, in any combination, and in addition to any other contractual remedies or otherwise provided by law):

- (a) The Prime may be ordered to stop work without penalty to NJT.
- (b) The contract may be terminated for breach.
- (c) Suspension or debarment proceedings may be commenced in accordance with New Jersey law.
- (d) The relevant performance bond may be enforced.
- (e) NJT may withhold payment of specific invoices.

5.7 LIQUIDATED DAMAGES

5.7.1 Liquidated damages (LD) may be assessed when the Prime fails to meet the established DBE goal on the contract.

5.7.2 If the DBE goal is not met, and the Prime has not demonstrated a good faith effort to do so, NJT may elect to subtract from the Prime's payment, as liquidated damages and not a penalty, the following:

The amount equal to the difference (in dollars) between the total contract value multiplied by the assigned DBE goal percentage, (originally established or as subsequently modified) and the actual DBE participation percentage (total dollars paid to DBEs divided by total dollars paid to the Prime).

5.7.3 This may be withheld from a series of payments or from the Prime's final payment, depending on the size of the liquidated damage.

5.7.4 If the Prime's final payment is not sufficient to satisfy the LD in full, the balance shall be due and owing from the Prime and subject to repayment terms as determined by NJT. NJT shall waive liquidated damages where good cause is shown for the deficiency in DBE participation upon determination by the OBD.

APPENDIX I

GLOSSARY

A Good Faith Effort-the efforts employed by the bidder, which should be those that one could reasonably expect a bidder to take if the bidder were actively and aggressively trying to obtain DBE participation sufficient to meet the contract goal.

Certification - means the process by which a business is determined to be a bona fide DBE. Any business applying for DBE certification must complete the appropriate NJ Unified Certification Program Application. Certification Applications are available at the OBD.

Disadvantaged Business Enterprise or DBE - means a small business concern:

Which is at least 51 percent owned by one or more socially and economically disadvantaged individuals, or in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more socially and economically disadvantaged individuals; and where one or more of the socially and economically disadvantaged owners controls management and daily business operations. A DBE shall not include a small business concern where that concern or a group of concerns controlled by the same socially and economically disadvantaged individual or individuals has annual average gross receipts in excess of \$22,410,000 over the previous three fiscal years or is not otherwise eligible as a small business as defined by the Small Business Administration in 13 CFR Part 121.

DBE Goal - means numerically expressed objectives for DBE participation on federal contracts Prime contractors are required to make a good faith effort to achieve to the extent necessary to meet the assigned DBE goal.

DBE Sub-Prime - means any 1st Tier DBE subcontractor/subconsultant listed on the Form A that will subcontract any portion of its subcontract/scope of work to a DBE(s) and/or non-DBE(s) firm(s).

DBE Ineligibility – means a firm's DBE status changes or ceases due to change in ownership, management, or size, etc.

DBE Prime – means the successful Bidder is a DBE firm and has a direct contract with NJT.

DBE Trucking Firm – owns and operates at least one fully licensed, insured, and operational truck used on the contract. Is responsible for the management and supervision of the entire trucking operation for which it is responsible on a particular contract.

First Tier DBE - refers to any DBE listed on the Bidder/Proposer/Prime's Form A and having a direct contract with the Prime.

Joint Venture–means an association of a DBE firm and one or more other firms to carry out a single, for-profit business enterprise, for which parties combine their property, capital, efforts, skills and knowledge, and in which the DBE is responsible for a distinct, clearly defined portion of the work of the contract and whose share in the capital contribution, control, management, risks, and profits of the joint venture are commensurate with its ownership interest.

Prime - means any contractor or consultant, including a DBE contractor/consultant, who enters into a direct contractual relationship with NJT.

Race-conscious Measure or Program - is one that is focused specifically on assisting only DBEs, including women-owned DBEs.

Race-neutral Measure or Program- is one that is focused specifically on assisting all small businesses equally, including DBEs. Such activities include bonding, insurance, and technical assistance. For the purposes of this part, race-neutral

First Tier DBE UTILIZATION - FORM A

Project Name: Long Slip Fill and Rail Enhancement Project

NJT Contract No: RFP No. 16-006

Assigned DBE Goal %: 23.1 NJT Procurement Specialist: Taishida Chapman

Contract Value (\$): 8,424,519.80

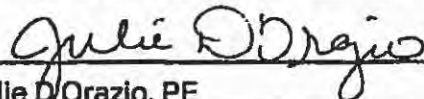
First Tier DBE must perform at least 51% of its subcontract value if subcontracting to a Second-Tier DBE or Non-DBE. Do not count Non-DBE portion toward the goal.

Name, Address and Telephone # of DBE Subcontractor/Subconsultant	Provide Detailed Scope of Work to be Performed (Identify all suppliers)	Dollar Value of Subcontract/Sub-consultant Work (\$) Awarded	Percentage of Subcontract Work (%)
InGroup, Inc. - 340 West Passaic Street Rochelle Park, NJ 07662 - 201.612.1230	Records Management	\$385,580.22	4.6 %
JCMS, Inc. - 1741 Whitehorse-Mercerville Road Mercerville, NJ 08619 - 609.631.0700	Cost Estimating, Scheduling, and Risk Management	\$749,473.36	8.9 %
Nalk Consulting Group, PC - 200 Metroplex Drive Suite 403 - Edison, NJ - 732.777.0030	Surveying & CADD Services	\$283,549.95	3.4 %
Sowinski Sullivan Architects, PC - 25 Mohawk Ave Sparta, NJ 07871 - 973.726.3260	Access / Egress	\$105,972.54	1.3 %
CONTINUED ON NEXT PAGE			
For DBE suppliers, show original subcontract value multiplied by 60% (\$2,000*60%=\$1,200). For DBE portion of work, subtract Non-DBE portion of work from original subcontract value.	TOTALS	\$ CONTINUED ON THE NEXT PAGE	%

Name, Address and Telephone # of DBE Subcontractor/Subconsultant	Provide Detailed Scope of Work to be Performed (Identify all suppliers)	Dollar Value of Subcontract/Sub-consultant Work (\$) Awarded	Percentage of Subcontract Work (%)
V.J. Associates Inc. of Suffolk - 100 Duffy Avenue Suite 301 - Hicksville, NY 11801 - 516.932.1010	Value Engineering	\$162,262.46	1.9 %
YU & Associates, Inc. - 200 Riverfront Boulevard Elmwood Park, NJ - 201.791.0075	Geotechnical Engineering	\$259,721.43	3.1 %
			%
			%
			%
For DBE suppliers, show original subcontract value multiplied by 80% (\$2,000-80%=\$1,200). For DBE portion of work, subtract Non-DBE portion of work from original subcontract value.	TOTALS	\$ 1,946,559.96	23.1 %

The undersigned will enter into a formal agreement with the DBE(s) listed in this schedule conditioned upon execution of a contract with NJ TRANSIT for the above referenced project. The undersigned understands that removal/replacement of the DBE(s) listed is **NOT PERMISSIBLE** for any reason (pre or post-award), without submitting a written request to the Office of Business Development and receiving **WRITTEN APPROVAL** from the Office of Business Development. Failure to obtain written approval shall result in the breach of contract and subject to corrective action to be determined by NJ TRANSIT.

Company Name: AECOM Technical Services, Inc.

Authorized Signature: 

Company Address: One Penn Plaza, Suite 600
New York, NY 10119

Print Name: Julie D'Orazio, PE

Title: Senior Vice President

Federal Tax ID #: [REDACTED]

Prime Contractor's DBE Liaison Officer: Julie D'Orazio, PE

Company Tel #: 212.736.4444

Date Signed: February 1, 2017

BIDDER SOLICITATION & CONTRACTOR INFORMATION - FORM A1

Project Title: RFP No. 16-006 - Long Slip Fill and Rail Enhancement Project

Date: January 6, 2017

Prime Contractor/Consultant: AECOM Technical Services, Inc.

Telephone #: 212.736.4444

Complete the information below for Bidder/Proposer/Prime(s) working on this project. Use Page 2 for all subcontractors/subconsultants

	Bidder/Proposer/Prime	Bidder/Proposer/Prime	Bidder/Proposer/Prime
Company's Full Name	AECOM Technical Services, Inc.		
Address	One Penn Plaza, Suite 600		
City and State	New York, New York		
Zip	10119		
County	Manhattan		
Phone	212.736.4444		
Fax			
E-mail	julie.d'orazio@aecom.com		
Owner	ATS, a California Corporation, is a wholly owned subsidiary of the Earth Technology Corporation (USA), a Delaware Corporation and itself a subsidiary of AECOM, a Delaware Corporation.		
Date Established	09/29/1970		
Date Certified	N/A		
Ethnicity	Multiple		
Gender	Multiple		
Certification Status: DBE or Non-DBE	non-DBE		
Federal Tax ID # / SSN #			
Annual Gross Receipts: A - Less than \$500K B - \$500K to \$1M C - \$1M to \$2M D - \$2M to \$5M E - \$5M and over Indicate the letter that applies	E		
Primary NAICS Code:	541330		

MANDATORY FORM: COMPLETE ENTIRELY

Form A1 (Fed)

BIDDER SOLICITATION & CONTRACTOR INFORMATION - FORM A1

Project Title: RFP No. 16-096 - Long Slip Hill and Rail Enhancement Project
 Prime Contractor/Consultant: AECOM Technical Services, Inc

Date: January 6, 2017
 Telephone #: 212.736.4444

Complete the information below for Bidder/Proposer/Prime(s) working on this project. Use Page 3 for all subcontractors/subconsultants

	Subcontractor/Subconsultant	Subcontractor/Subconsultant	Subcontractor/Subconsultant
Company's Full Name	Jacobs Engineering Group Inc	INORUP INC	Naik Consulting Group, PC
Address	299 Madison Avenue	340 West Passaic Street	200 Metroplex Drive Ste 403
City and State	Morristown New Jersey	Rochelle Park, New Jersey	Edison New Jersey
Zip	07962	07662	08817
County	Morris	Bergen	Middlesex
Phone	973-267-0555	201-612-1230	732-777-0030
Fax			
E-mail	richard.tangel@jacobs.com	WBE@INORUP.COM	wnaik@naikgroup.com
Owner	Corporation Public	Marlene Prescott	Sarvey Naik
Date Established	1947	1993	August 19 1997
Date Certified	N/A	APRIL 2014 GH	October 15 2012
Ethnicity	Multiple	Caucasian	A man Indian
Gender	Multiple	Female	Male
Certification Status: DBE or Non-DBE	non-DBE SBE	DBE	DBE
Federal Tax ID # / SSN #			
Annual Gross Revenue: A - Less than \$500K B - \$500K to \$1M C - \$1M to \$2M D - \$2M to \$5M E - \$5M and over Indicate the letter that applies	F	H	I
Primary NAICS Code:	541310	541820	541330

BIDDER SOLICITATION & CONTRACTOR INFORMATION - FORM A1

Project Title: RFP No. 16-006 - Long Slip Fill and Rail Enhancement ProjectDate: January 6, 2017Prime Contractor/Consultant: AECOM Technical Services, Inc.Telephone #: 212.736.4444Complete the information below for Bidder/Proposer/Prime(s) working on this project. Use Page 2 for all subcontractors/subconsultants

	Subcontractor/Subconsultant	Subcontractor/Subconsultant	Subcontractor/Subconsultant
Company's Full Name	Sowinski Sullivan Architects, PC	V. J. Associates Inc. of Suffolk	YU & Associates, Inc.
Address	25 Mohawk Avenue	100 Duffy Avenue, Suite 301	200 Riverfront Boulevard
City and State	Sparta, New Jersey	Hicksville, New York	Elmwood Park, New Jersey
Zip	07871	11801	07407
County	Sussex	Nassau	Bergen
Phone	973-726-3260	516-932-1010	201-791-0075
Fax			
E-mail	Sowinski@sowinskisullivan.com	tlink@vjassociates.com	aleung@yu-associates.com
Owner	Suzanne Sowinski, AIA, LEED AP, GGP	Vijay Desai	Andrew Leung
Date Established	1996	March 26, 1984	1992
Date Certified	December 19, 2005	December 20, 2016	03/26/1992
Ethnicity	White	Asian	Asian
Gender	Female	Male	Male
Certification Status: DBE or Non-DBE	DBE	DBE	DBE
Federal Tax ID # / SSN #			
Annual Gross Receipts: A - Less than \$500K B - \$500K to \$1M C - \$1M to \$2M D - \$2M to \$5M E - \$5M and over Indicate the letter that applies	D	E	E
Primary NAICS Code:	541310	541611	541330

BIDDER SOLICITATION & CONTRACTOR INFORMATION - FORM A1

Project Title: REP No. 16-006 - Long Slip Fill and Rail Enhancement ProjectDate: January 6, 2017Prime Contractor/Consultant: AECOM Technical Services, Inc.Telephone #: 212.736.4444

COMPLETE THE INFORMATION BELOW FOR "ALL" FIRMS INCLUDING SUPPLIERS SOLICITED; INCLUDING THOSE THAT WILL WORK ON THIS PROJECT.

	Subcontractor/Subconsultant	Subcontractor/Subconsultant	Subcontractor/Subconsultant
Company's Full Name	JCMS, Inc.		
Address	1741 Whitehorse-Mercerville Road		
City and State	Mercerville, New Jersey		
Zip	08619		
County	Mercer		
Phone	609-631--0700		
Fax			
E-mail	mail@jcms.com		
Owner	Umesh K. Jois		
Date Established	06/09/1985		
Date Certified	01/01/1991		
Ethnicity	Asian		
Gender	Male		
Certification Status: DBE or Non-DBE	DBE		
Federal Tax ID # / SSN #			
Annual Gross Receipts: A - Less than \$500K B - \$500K to \$1M C - \$1M to \$2M D - \$2M to \$5M E - \$5M and over Indicate the letter that applies	E		
Primary NAICS Code:	237990/236210/236220/237310/541330		

SECOND TIER DBE UTILIZATION- FORM AA

Project Name: Long Slip Fill and Rail Enhancement Project

Contract No: 16-006 (Phase II)

DBE Sub-Prime (First Tier) Subcontractor Contract Value (\$): 259,721.43

I plan to subcontract 13% of my subcontract to Second Tier DBE subcontractor(s)/subconsultant(s) listed on the chart below to perform/supply the following:

Second Tier DBE subs must perform 100% of their scope of work.

Name, Address and Telephone # of Second Tier DBE Subcontractor/Subconsultant	Provide <u>Detailed</u> Scope of Work to be Performed	Dollar Value of Subcontractor/Sub-consultant Work (\$) Awarded	Percentage of Subcontractor Work (%)
Jersey Boring & Drilling Co., Inc. 36, Pier lane West, Fairfield NJ 07004 973-242-3800	Boring & Drilling	\$86,042 (Phase II)	13 %
			%
			%
Any First-Tier DBE firm listed on the Form A must identify any DBE firm it will use to perform its scope of work.	TOTALS	\$86,042 (Phase II)	13%

The undersigned understands its approval to perform on the above contract is based upon its identified DBE team listed above and its Non-DBE team listed on the Form AA2. The DBE Sub-Prime must receive written approval from the Office of Business Development for any changes to its DBE and/or Non-DBE subcontractors, their dollar values or scope of work identified on the Form AA and/or AA2 before making any changes. It attests that the identified firms will perform all work. Failure to adhere to, or falsification of any information contained herein shall result in breach of contract and subject to corrective action to be determined by NJ TRANSIT.

DBE Sub-Prime Firm: YU & Associates, Inc.

Authorized Signature

Company Address: 200 Riverfront Boulevard

Print Name: K. Peter Yu

Elmwood Park, NJ 07407

Title: Principal

Federal Tax ID #: XXXXXXXXXX

Sub-Prime's DBE Liaison Officer: K. Peter Yu

Company Tel #: 201-791-0075 x 101

Date Signed: 01/25/2017

NON-DBE SUBCONTRACTOR UTILIZATION - FORM A2

Directions: To be completed by any Bidder/Proposer/Prime for "all" subs including suppliers participating on this contract.

Bidder/Proposer Prime Name: AECOM Technical Services, Inc. Project Title: Long Slip Fill and Rail Enhancement Project

Date: February 1, 2017

Prime Contract Value: \$ 8,424,519.80

Name, Address and Telephone # of all Subcontractor/Subconsultants	FEIN #	Provide Detailed Scope of Work to be Performed	Dollar Amount of Subcontractor/Subconsultant Work (\$) Awarded	Percentage of Subcontract or Work (%)
Jacobs Engineering Group, Inc. 299 Madison Avenue Morristown, NJ 07962		Bridge / Viaduct Engineering, and Track Engineering	\$ 1,468,021.50	17.4 %
			\$	%
			\$	%
			\$	%
			\$	%
Must provide a detailed scope of work; one-word descriptions are not acceptable.				
TOTALS			\$ 1,468,021.50	17.4 %

MANDATORY FORM FOR 1st TIER DBE: COMPLETE ENTIRELY

FORM B (Fed)

INTENT TO PERFORM AS A 1ST TIER DBE - FORM B

The Bidder/Proposer/Prime is prohibited from completing any portion of this form and directing the DBE to sign a blank form.

DIRECTIONS: DBE(s) listed on the Form A must complete all information on this form.

AECOM Technical Services, Inc.
Name of Bidder/Proposer/Prime:

InGroup, Inc.
Name of DBE Firm:

Project/Contract Name: Long Slip Fill and Rail
Enhancement Project

IPB/RFP Contract Number: 16-006

Does the undersigned DBE (Answer Accordingly):

Intend to perform subcontract work in connection with the above-mentioned project as a Joint Venture? Circle one. (Yes or No) (No)

Intend to subcontract any portion of its scope of work to a DBE(s)? Circle one. (Yes or No) (No)
If yes, DBE Sub-Primes must complete and submit Form AA. At what percent? _____ %

Intend to subcontract any portion of its scope of work to a Non-DBE(s)? Circle one. (Yes or No) (No)
If yes, must complete and submit Form AA2. At what percent? _____ %

The undersigned will perform the following described work on the above-referenced project: (Provide a detailed description of the type of work you will perform on your subcontract. Attach a copy of quote approved and signed by Bidder (optional))

Records Management

Dollar Value of DBE Subcontract: \$ 385,580.22

Total Quantity/Units (if applicable): N/A Per Unit Cost (if applicable): \$ N/A

The undersigned based the above scope of work and subcontract value on detailed project specs received from the Bidder contractor named above. Circle one (Yes) or No) (Yes)

The Prime Contractor projected the following commencement and completion date for such work as follows:

DBE Contract Start Date: TBD - - DBE Contract Completion Date: TBD - - 7/15/19

The undersigned DBE will enter into a formal agreement for the above work with the Prime Contractor conditioned upon execution of a contract with NJ TRANSIT. As a DBE subcontractor, I will cooperate with the certification, compliance and monitoring process set forth by NJ TRANSIT. I attest that I will perform at least 51% of my subcontract with my own workforce for the referenced project.

Signature of 1st Tier DBE: [Signature] 1/26/17
Date

Title: President

Print Name: Marlene Pissott

Telephone #: 201.612.1230 x 11

Failure to adhere to these instructions or the falsification of any information on this form shall result in breach of contract and subject to the appropriate penalties to be determined by NJ TRANSIT.

MANDATORY FORM FOR 1ST TIER DBE: COMPLETE ENTIRELY

NJT Fed Form B - rev Sept 2010

[Signature] 1/26/17

INTENT TO PERFORM AS A 1ST TIER DBE - FORM B

The Bidder/Proposer/Prime is prohibited from completing any portion of this form and directing the DBE to sign a blank form.

DIRECTIONS: DBE(s) listed on the Form A must complete all information on this form.

AECOM Technical Services, Inc. JCMS, Inc.

 Name of Bidder/Proposer/Prime: Name of DBE Firm:
 Project Contract Name: Long Slip Fill and Rail Enhancement Project IFR/RFP Contract Number: 16-006

Does the undersigned DBE (Answer Accordingly):

Intend to perform subcontract work in connection with the above-mentioned project as a Joint Venture? Circle one (Yes or No) (No)

Intend to subcontract any portion of its scope of work to a DBE(s)? Circle one. (Yes or No) (No)
 If yes, DBE Sub-Primes must complete and submit Form A.1. At what percent? _____%

Intend to subcontract any portion of its scope of work to a Non-DBE(s)? Circle one. (Yes or No) (No)
 If yes, must complete and submit Form A.2. At what percent? _____%

The undersigned will perform the following described work on the above-referenced project: *(Provide a detailed description of the type of work you will perform on your subcontract. Attach a copy of quote approved and signed by Bidder (optional)).*

Cost Estimating, Scheduling, Risk Management,

Dollar Value of DBE Subcontract: \$ 149,413.16

Total Quantity/Units (if applicable): N/A Per Unit Cost (if applicable): \$ N/A

The undersigned based the above scope of work and subcontract value on detailed project specs received from the Bidder contractor named above. Circle one (Yes or No) (Yes)

The Prime Contractor projected the following commencement and completion date for such work as follows:

DBE Contract Start Date: 07/15/2017 DBE Contract Completion Date: 07/15/2019

The undersigned DBE will enter into a formal agreement for the above work with the Prime Contractor conditioned upon execution of a contract with NJ TRANSIT. As a DBE subcontractor, I will cooperate with the certification, compliance and monitoring process set forth by NJ TRANSIT. I attest that I will perform at least 51% of my subcontract with my own workforce for the referenced project.

[Signature] 01/23/2017
 Signature of 1st Tier DBE Date Vice President
Indira Jais 609-631-0700
 Print Name Telephone #:

Failure to adhere to these instructions or the falsification of any information on this form shall result in breach of contract and subject to the appropriate penalties to be determined by NJ TRANSIT

INTENT TO PERFORM AS A 1ST TIER DBE - FORM B

The Bidder/Proposer/Prime is prohibited from completing any portion of this form and directing the DBE to sign a blank form.

DIRECTIONS: DBE(s) listed on the Form A must complete all information on this form.

AECOM Technical Services, Inc.
Name of Bidder/Proposer/Prime:

Naik Consulting Group, P.C.
Name of DBE Firm:

Project/Contract Name: Long Slip Fill and Rail Enhancement Project

IFB/RFP Contract Number: 16-006

Does the undersigned DBE (Answer Accordingly):

Intend to perform subcontract work in connection with the above-mentioned project as a Joint Venture? Circle one. (Yes or **No**)

Intend to subcontract any portion of its scope of work to a DBE(s)?
If yes, DBE Sub-Primes must complete and submit Form AA.

Circle one. (Yes or **No**)
At what percent? _____%

Intend to subcontract any portion of its scope of work to a Non-DBE(s)?
If yes, must complete and submit Form AA2.

Circle one. (Yes or **No**)
At what percent? _____%

The undersigned will perform the following described work on the above-referenced project: *(Provide a detailed description of the type of work you will perform on your subcontract. Attach a copy of quote approved and signed by Bidder (optional)).*

Surveying Services and CADD Support

Dollar Value of DBE Subcontract: \$283,549.95


Total Quantity/Units (if applicable): N/A Per Unit Cost (if applicable): \$N/A

The undersigned based the above scope of work and subcontract value on detailed project specs received from the Bidder contractor named above. Circle one. (**Yes** or No)

The Prime Contractor projected the following commencement and completion date for such work as follows:

DBE Contract Start Date: July 15, 2017 DBE Contract Completion Date July 15, 2019

The undersigned DBE will enter into a formal agreement for the above work with the Prime Contractor conditioned upon execution of a contract with NJ TRANSIT. As a DBE subcontractor, I will cooperate with the certification, compliance and monitoring process set forth by NJ TRANSIT. I attest that I will perform at least 51% of my subcontract with my own workforce for the referenced project.


Signature of 1st Tier DBE 1/20/17
Date

Vice President
Title

John Tan
Print Name

732-875-1419
Telephone #:

Failure to adhere to these instructions or the falsification of any information on this form shall result in breach of contract and subject to the appropriate penalties to be determined by NJ TRANSIT.

INTENT TO PERFORM AS A 1ST TIER DBE - FORM B

The Bidder/Proposer/Prime is prohibited from completing any portion of this form and directing the DBE to sign a blank form.

DIRECTIONS: DBE(s) listed on the Form A must complete all information on this form.

AECOM Technical Services, Inc.
Name of Bidder/Proposer/Prime:

Sowinski Sullivan Architects, PC
Name of DBE Firm:

Project/Contract Name: Long Slip Fill and Rail
Enhancement Project

IFB/RFP Contract Number: 16-006

Does the undersigned DBE (Answer Accordingly):

Intend to perform subcontract work in connection with the above-mentioned project as a Joint Venture? Circle one. (Yes or **No**)

Intend to subcontract any portion of its scope of work to a DBE(s)? Circle one. (Yes or **No**)
If yes, DBE Sub-Primes must complete and submit Form AA. At what percent? _____%

Intend to subcontract any portion of its scope of work to a Non-DBE(s)? Circle one. (Yes or **No**)
If yes, must complete and submit Form AA2. At what percent? _____%

The undersigned will perform the following described work on the above-referenced project: (Provide a detailed description of the type of work you will perform on your subcontract. Attach a copy of quote approved and signed by Bidder (optional)).

Access / Egress

Dollar Value of DBE Subcontract: \$ 105,972.54

Total Quantity/Units (if applicable): N/A Per Unit Cost (if applicable): \$ N/A

The undersigned based the above scope of work and subcontract value on detailed project specs received from the Bidder contractor named above. Circle one. (**Yes** or No)

The Prime Contractor protected the following commencement and completion date for such work as follows:

DBE Contract Start Date: July 15, 2017 DBE Contract Completion Date July 15, 2019

The undersigned DBE will enter into a formal agreement for the above work with the Prime Contractor conditioned upon execution of a contract with NJ TRANSIT. As a DBE subcontractor, I will cooperate with the certification, compliance and monitoring process set forth by NJ TRANSIT. I attest that I will perform at least 51% of my subcontract with my own workforce for the referenced project.

Signature of 1st Tier DBE _____
Date 1/23/2017

President _____
Title

Print Name Suzanne Sowinski, AIA, LEED AP, GGP

973 728 3260 X 124
Telephone #:

Failure to adhere to these instructions or the falsification of any information on this form shall result in breach of contract and subject to the appropriate penalties to be determined by NJ TRANSIT.

INTENT TO PERFORM AS A 1ST TIER DBE - FORM B

The Bidder/Proposer/Prime is prohibited from completing any portion of this form and directing the DBE to sign a blank form.

DIRECTIONS: DBE(s) listed on the Form A must complete all information on this form.

AECOM Technical Services, Inc. V. J. Associates Inc. of Suffolk
 Name of Bidder/Proposer/Prime: _____ Name of DBE Firm: _____
 Project/Contract Name: Long Slip Fill and Rail IFB/RFP Contract Number: 16-006
Enhancement Project

Does the undersigned DBE (Answer Accordingly):

Intend to perform subcontract work in connection with the above-mentioned project as a Joint Venture? Circle one. (Yes or **No**)

Intend to subcontract any portion of its scope of work to a DBE(s)? Circle one. (Yes or **No**)
If yes, DBE Sub-Primes must complete and submit Form AA. At what percent? _____%

Intend to subcontract any portion of its scope of work to a Non-DBE(s)? Circle one. (Yes or **No**)
If yes, must complete and submit Form AA2. At what percent? _____%

The undersigned will perform the following described work on the above-referenced project: *(Provide a detailed description of the type of work you will perform on your subcontract. Attach a copy of quote approved and signed by Bidder (optional)).*

Value Engineering

Dollar Value of DBE Subcontract: \$ 162,262.46

Total Quantity/Units (if applicable): N/A Per Unit Cost (if applicable): \$ N/A

The undersigned based the above scope of work and subcontract value on detailed project specs received from the Bidder contractor named above. Circle one. (**Yes** or No)

The Prime Contractor protected the following commencement and completion date for such work as follows:

DBE Contract Start Date: 7/15/2017 DBE Contract Completion Date 7/15/2019

The undersigned DBE will enter into a formal agreement for the above work with the Prime Contractor conditioned upon execution of a contract with NJ TRANSIT. As a DBE subcontractor, I will cooperate with the certification, compliance and monitoring process set forth by NJ TRANSIT. I attest that I will perform at least 51% of my subcontract with my own workforce for the referenced project.

[Signature] 1/11/2017 Divisional Director
 Signature of 1st Tier DBE Date Title
Rajneesh Sayal 516.932.1010
 Print Name Telephone #

Failure to adhere to these instructions or the falsification of any information on this form shall result in breach of contract and subject to the appropriate penalties to be determined by NJ TRANSIT.

INTENT TO PERFORM AS A 1ST TIER DBE - FORM B

The Bidder/Proposer/Prime is prohibited from completing any portion of this form and directing the DBE to sign a blank form.

DIRECTIONS: DBE(s) listed on the Form A must complete all information on this form.

AECOM Technical Services, Inc
Name of Bidder/Proposer/Prime:

YU & Associates, Inc.
Name of DBE Firm:

Project/Contract Name: Long Slip Fill and Rail Enhancement Project IFB/RFP Contract Number: 16-008

Does the undersigned DBE (Answer Accordingly):

Intend to perform subcontract work in connection with the above-mentioned project as a Joint Venture? Circle one. (Yes or No)

Intend to subcontract any portion of its scope of work to a DBE(s)? Circle one. (Yes or No)
If yes, DBE Sub-Primes must complete and submit Form AA. At what percent? %

Intend to subcontract any portion of its scope of work to a Non-DBE(s)? Circle one. (Yes or No)
If yes, must complete and submit Form AA2. At what percent? %

The undersigned will perform the following described work on the above-referenced project: (Provide a detailed description of the type of work you will perform on your subcontract. Attach a copy of quote approved and signed by Bidder (optional)).

Geotechnical Engineering

Dollar Value of DBE Subcontract: \$ 259,721.43

Total Quantity/Units (if applicable): N/A Per Unit Cost (if applicable): \$ N/A

The undersigned based the above scope of work and subcontract value on detailed project specs received from the Bidder contractor named above. Circle one. (Yes or No)

The Prime Contractor projected the following commencement and completion date for such work as follows:

DBE Contract Start Date: 07/15/2017 DBE Contract Completion Date 07/15/2019

The undersigned DBE will enter into a formal agreement for the above work with the Prime Contractor conditioned upon execution of a contract with NJ TRANSIT. As a DBE subcontractor, I will cooperate with the certification, compliance and monitoring process set forth by NJ TRANSIT. I attest that I will perform at least 51% of my subcontract with my own workforce for the referenced project.

Signature of 1st Tier DBE Date

Principal Title

K. Peter Yu
Print Name

201-791-0075 x 101
Telephone #:

**NJ TRANSIT AGREEMENT NO. 16-006
LONG SLIP FILL AND RAIL ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING & CONSTRUCTION
ASSISTANCE SERVICES**

EXHIBIT E – EQUAL EMPLOYMENT OPPORTUNITY REQUIREMENTS

**STATE OF NEW JERSEY
EQUAL EMPLOYMENT OPPORTUNITY PROVISIONS
FOR PROCUREMENT, PROFESSIONAL AND SERVICE CONTRACTS**

I. BID REQUIREMENTS

This contract is subject to the provisions of N.J.S.A. 10:2-1 through 10:2-4 and N.J.S.A. 10:5-31 et seq. (P.L. 1975, c.127), and in accordance with the rules and regulations promulgated pursuant thereto, the proposer agrees to comply with the following:

At the time the signed contract is returned to NJ TRANSIT, the said proposer (contractor) shall submit one of the following three documents:

1. A Federal Affirmative Action Plan Approval which consists of a valid letter from the Office of Federal Control Compliance Programs; or
2. A Certificate of Employee Information Report from the State of New Jersey, Department of Treasury, Division of Public Contracts Equal Employment Opportunity Compliance; or
3. A Division of Public Contracts Equal Employment Opportunity Compliance Employee Information Report (Form AA-302).

A contractor shall not be eligible to submit an employee information report unless contractor certifies and agrees that it has never before applied for a certificate of employee information report in accordance with rules promulgated pursuant to N.J.S.A. 10:5-31 et seq.; and agrees to submit immediately to the Division of Public Contracts Equal Employment Opportunity Compliance a copy of the employee information report.

Contractors that have previously filed an Employee Information Report are required to apply for a renewal of the Certificate of Employee Information Report with the Department of Treasury, Division of Public Contracts Equal Employment Opportunity Compliance and submit a valid Certificate of Employee Information Report.

(NOTE: FOR THE PURPOSE OF THIS CONTRACT THE "PUBLIC AGENCY COMPLIANCE OFFICER" REFERENCED BELOW IS NJ TRANSIT'S ASSISTANT EXECUTIVE DIRECTOR, DIVERSITY PROGRAMS AND THE "PUBLIC AGENCY" IS NJ TRANSIT.)

II. SUBCONTRACTS; EQUAL EMPLOYMENT GOALS

The contractor agrees to incorporate these State of New Jersey EEO Provisions for Procurement, Professional and Service Contracts in its subcontracts for services.

In accordance with N.J.A.C. 17:27, Contractors and subcontractors are required to make a good faith effort to provide equal employment opportunity for minorities and women. Failure to make good faith efforts to provide equal employment opportunity for minorities and women may result in sanctions including fines/penalties, withholding of payment, termination of the contract, suspension/debarment or such other action as provided by law.

III. MANDATORY CONTRACT LANGUAGE

MANDATORY EQUAL EMPLOYMENT OPPORTUNITY LANGUAGE

N.J.S.A. 10:5-31 et seq. (P.L. 1975, C. 127)

N.J.A.C. 17:27

GOODS, PROFESSIONAL SERVICE AND GENERAL SERVICE CONTRACTS

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

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

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

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

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

The contractor or subcontractor agrees to make good faith efforts to meet targeted county employment goals established in accordance with N.J.A.C. 17:27-5.2.

The contractor or subcontractor agrees to inform in writing appropriate recruitment agencies including, but not limited to, employment agencies, placement bureaus, colleges, universities, and labor unions, that it does not discriminate on the basis of age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex, and that it will discontinue the use of any recruitment agency which engages in direct or indirect discriminatory practices.

The contractor or subcontractor agrees to revise any of its testing procedures, if necessary, to assure that all personal testing conforms with the principles of job-related testing, as established by the statutes and court decisions of the State of New Jersey and as established by applicable Federal law and applicable Federal court decisions.

In conforming with the targeted employment goals, the contractor or subcontractor agrees to review all procedures relating to transfer, upgrading, downgrading and layoff to ensure that all such actions are taken without regard to age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender

identity, or expression, disability, nationality or sex, consistent with the statutes and court decisions of the State of New Jersey, and applicable Federal law and applicable Federal court decisions.

The contractor shall submit to the public agency, after notification of award but prior to execution of a goods and services contract, one of the following three documents:

Letter of Federal Affirmative Action Plan Approval

Certificate of Employee Information Report

Employee Information Report Form AA302 (electronically provided by the Division and distributed to the public agency through the Division's website at www.state.nj.us/treasury/contract_compliance)

The contractor and its subcontractors shall furnish such reports or other documents to the Division of Purchase & Property, CCAU, EEO Monitoring Program as may be requested by the office from time to time in order to carry out the purposes of these regulations, and public agencies shall furnish such information as may be requested by the Division of Purchase & Property CCAU EEO Monitoring Program for conducting a compliance investigation pursuant to Subchapter 10 of the Administrative Code (N.J.A.C. 17:27).

Certification 3838

CERTIFICATE OF EMPLOYEE INFORMATION REPORT

RENEWAL

This is to certify that the contractor listed below has submitted an Employee Information Report pursuant to N.J.A.C. 17:27-1.1 et. seq. and the State Treasurer has approved said report. This approval will remain in effect for the period of

15-JUL-2015 to 15-JUL-2018

AECOM TECHNICAL SERVICES, INC
4840 COX ROAD
GLEN ALLEN VA 23060



Robert A. Romano,
Acting State Treasurer

**NJ TRANSIT AGREEMENT NO. 16-006
LONG SLIP FILL AND RAIL ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING & CONSTRUCTION
ASSISTANCE SERVICES**

EXHIBIT F – CONSULTANT CERTIFICATIONS

Acknowledgement of Addenda

RFP No. 16-006
ACKNOWLEDGMENT OF RECEIPT OF ADDENDA

Proposers are required to acknowledge receipt of all addenda issued prior to the proposal due date. This acknowledgment is made by the Proposer, if an individual; by a partner, if a partnership; or by an officer of the corporation, if a corporation.

The undersigned acknowledges receipt of the following addenda.

<u>Addendum Number</u>	<u>Date</u>
<u>1</u>	<u>April 20, 2016</u>
<u>2</u>	<u>May 10, 2016</u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>

By: 
Signature of Company Official

Senior Vice President
Official's Title

AECOM Technical Services, Inc.
Company Name

Non-Collusion Affidavit

NON-COLLUSION AFFIDAVIT

STATE OF NEW JERSEY

ss:

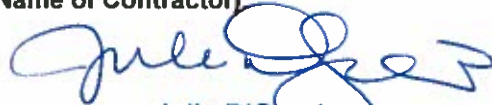
COUNTY OF Kings

I, Julie D'Orazio of the City of New York
in the County of Manhattan and the State of New York
of full age, being duly sworn according to law on my oath depose and say that:

I am a Senior Vice President
of the firm of AECOM Technical Services, Inc.
the bidder making the Proposal for the above named project, and that I executed the said Proposal with full authority so to do; that said bidder has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free, competitive bidding in connection with the above named project; and that all statements contained in said Proposal and in this affidavit are true and correct, and made with full knowledge that the State of New Jersey relies upon the truth of the statements contained in said Proposal and in the statements contained in this affidavit in awarding the contract for the said project.

I further warrant that no person or selling agency has been employed or retained to solicit or secure such contract upon agreement or understanding for a commission, percentage, brokerage or contingent fee, except bona fide employees or bona fide established commercial or selling agencies maintained by AECOM Technical Services, Inc.

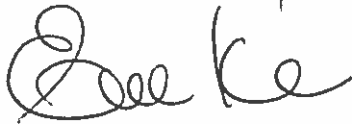
(Name of Contractor)



Julie D'Orazio

(Also type or print name of affiant under signature)

Subscribed and sworn to before me this
13th day of may, 2016



Notary Public of

My commission expires 4/10 2018

EILEEN KARKIS
Notary Public, State of New York
No. 01KA6003420
Qualified in Kings County
Commission Expires April 10, 2018

NON-COLLUSION AFFIDAVIT

STATE OF NEW JERSEY

ss:

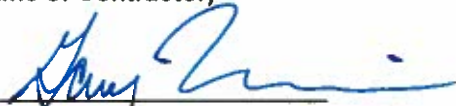
COUNTY OF Morris :

I, Gary C. Morris of the City of Morristown
in the County of Morris and the State of New Jersey
of full age, being duly sworn according to law on my oath depose and say that:

I am Vice President
of the firm of Jacobs Engineering Group Inc.
the bidder making the Proposal for the above named project, and that I executed the said Proposal with full authority so to do; that said bidder has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free, competitive bidding in connection with the above named project; and that all statements contained in said Proposal and in this affidavit are true and correct; and made with full knowledge that the State of New Jersey relies upon the truth of the statements contained in said Proposal and in the statements contained in this affidavit in awarding the Contract for the said project.

I further warrant that no person or selling agency has been employed or retained to solicit or secure such contract upon an agreement or understanding for a commission, percentage, brokerage or contingent fee, except bona fide employees or bona fide established commercial or selling agencies maintained by Jacobs Engineering Group Inc.

(Name of Contractor)



(Also type or print name of affiant under signature)
Gary C. Morris, Vice President

Subscribed and sworn to before me this ____

9th day of May, 20 16



Notary Public of

My commission expires

20
TINA J. SHENTON
NOTARY PUBLIC OF NEW JERSEY
ID # 2445051
My Commission Expires April 15, 2019

NON-COLLUSION AFFIDAVIT

STATE OF NEW JERSEY

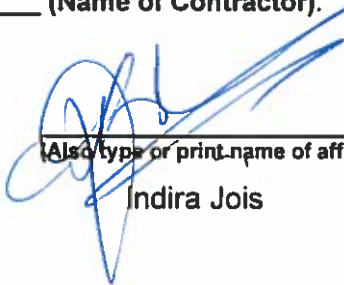
ss:

COUNTY OF Mercer

I, **Indira Jois** of the City of **Mercerville**
in the County of **Mercer** and the State of **New Jersey**
of full age, being duly sworn according to law on my oath depose and say that:


I am **Vice President**
of the firm of **JCMS, Inc.**
the bidder making the Proposal for the above named project, and that I executed the said Proposal with full authority so to do; that said bidder has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free, competitive bidding in connection with the above named project; and that all statements contained in said Proposal and in this affidavit are true and correct, and made with full knowledge that the State of New Jersey relies upon the truth of the statements contained in said Proposal and in the statements contained in this affidavit in awarding the contract for the said project.

I further warrant that no person or selling agency has been employed or retained to solicit or secure such contract upon agreement or understanding for a commission, percentage, brokerage or contingent fee, except bona fide employees or bona fide established commercial or selling agencies maintained by _____
JCMS, Inc. (Name of Contractor).



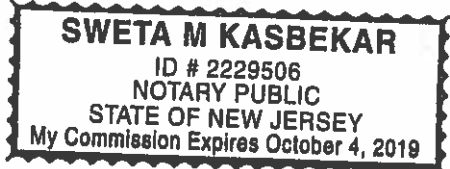
(Also type or print name of affiant under signature)
Indira Jois

Subscribed and sworn to before me this
2nd day of May, 2016



Notary Public of **New Jersey**

My commission expires 10/4/ 2019



NON-COLLUSION AFFIDAVIT

STATE OF NEW JERSEY

ss: 22-3536803

COUNTY OF Middlesex

I, Samir Mody of the City of Hammonton
in the County of Atlantic and the State of New Jersey
of full age, being duly sworn according to law on my oath depose and say that:

I am Senior Vice President of the firm of Naik Consulting Group, PC the bidder making the Proposal for the above named project, and that I executed the said Proposal with full authority so to do; that said bidder has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free, competitive bidding in connection with the above named project; and that all statements contained in said Proposal and in this affidavit are true and correct, and made with full knowledge that the State of New Jersey relies upon the truth of the statements contained in said Proposal and in the statements contained in this affidavit in awarding the contract for the said project.

I further warrant that no person or selling agency has been employed or retained to solicit or secure such contract upon agreement or understanding for a commission, percentage, brokerage or contingent fee, except bona fide employees or bona fide established commercial or selling agencies maintained by Naik Consulting Group, PC

(Name of Contractor).




(Also type or print name of affiant under signature)

Samir Mody

Subscribed and sworn to before me this

9 day of May, 20 16



Notary Public of New Jersey

My commission expires Aug 16 20 20

FALECIA N. ROWE
NOTARY PUBLIC OF NEW JERSEY
I.D. # 2399403
My Commission Expires 8/16/2020

NON-COLLUSION AFFIDAVIT

STATE OF NEW JERSEY

ss:

COUNTY OF Sussex

I, Suzanne Sowinski of the City of Sparta
in the County of Sussex and the State of NJ
of full age, being duly sworn according to law on my oath depose and say that:

I am President of the firm of Sowinski Sullivan Architects, PC the bidder making the Proposal for the above named project, and that I executed the said Proposal with full authority so to do; that said bidder has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free, competitive bidding in connection with the above named project; and that all statements contained in said Proposal and in this affidavit are true and correct, and made with full knowledge that the State of New Jersey relies upon the truth of the statements contained in said Proposal and in the statements contained in this affidavit in awarding the contract for the said project.

I further warrant that no person or selling agency has been employed or retained to solicit or secure such contract upon agreement or understanding for a commission, percentage, brokerage or contingent fee, except bona fide employees or bona fide established commercial or selling agencies maintained by Sowinski Sullivan Architects, PC

(Name of Contractor).




(Also type or print name of affiant under signature)

Suzanne Sowinski, AIA, LEED AP, GGP

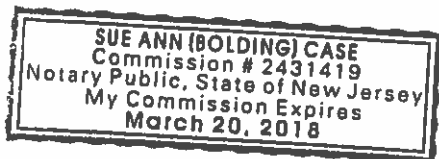
Subscribed and sworn to before me this

12th day of May, 2016



Notary Public of

My commission expires 3/20, 2018



NON-COLLUSION AFFIDAVIT

STATE OF NEW JERSEY


SS:

COUNTY OF Bergen

I, K. Peter Yu of the City of Westfield
in the County of Union and the State of New Jersey
of full age, being duly sworn according to law on my oath depose and say that:

I am K. Peter Yu
of the firm of YU & Associates, Inc.
the bidder making the Proposal for the above named project, and that I executed the said Proposal with full authority so to do; that said bidder has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free, competitive bidding in connection with the above named project; and that all statements contained in said Proposal and in this affidavit are true and correct, and made with full knowledge that the State of New Jersey relies upon the truth of the statements contained in said Proposal and in the statements contained in this affidavit in awarding the contract for the said project.

I further warrant that no person or selling agency has been employed or retained to solicit or secure such contract upon agreement or understanding for a commission, percentage, brokerage or contingent fee, except bona fide employees or bona fide established commercial or selling agencies maintained by YU & Associates, Inc. (Name of Contractor).


K. Peter Yu
(Also type or print name of affiant under signature)

Subscribed and sworn to before me this
10th day of May, 2016



Notary Public of BERGEN COUNTY

My commission expires Sept. 21 2020

CHRISTINA OSSO
NOTARY PUBLIC
STATE OF NEW JERSEY
MY COMMISSION EXPIRES SEPT 21, 2020

Contractor's Certification of Eligibility

CONTRACTOR'S CERTIFICATION OF ELIGIBILITY

The AECOM Technical Services, Inc. (Insert Name of Company) hereby certifies that it is not listed on the State of New Jersey, Department of Labor and Workforce Development, Division of Wages and Hour Compliance, Prevailing Wage Debarment List or on the State of New Jersey, Department of Treasury, Consolidated Debarment Report.

AECOM Technical Services, Inc. (Insert Name of Company) is currently registered and active with no exclusion on the consolidated U.S. Government, Systems for Award Management (SAM) database.


Signature

Julie D'Orazio, PE
Type or Print Name

Senior Vice President
Title

May 16, 2016
Date

CONTRACTOR'S CERTIFICATE OF ELIGIBILITY

The Jacobs Engineering Group Inc. (Insert Name of Company) hereby certifies that it is not listed on the State of New Jersey, Department of Labor and Workforce Development, Division of Wages and Hour Compliance, Prevailing Wage Debarment List or on the State of New Jersey, Department of Treasury, Consolidated Debarment Report.

Jacobs Engineering Group Inc. (Insert Name of Company) is currently registered and active with no exclusion on the consolidated U.S. Government, Systems for Award Management (SAM) database.

Jacobs Engineering Group Inc.
Company


Signature

Gary C. Morris
Type or Print Name


Vice President
Title

May 9, 2016
Date

CONTRACTOR'S CERTIFICATION OF ELIGIBILITY

The JCMS, Inc. (Insert Name of Company) hereby certifies that it is not listed on the State of New Jersey, Department of Labor and Workforce Development, Division of Wages and Hour Compliance, Prevailing Wage Debarment List or on the State of New Jersey, Department of Treasury, Consolidated Debarment Report.

JCMS, Inc. (Insert Name of Company) is currently registered and active with no exclusion on the consolidated U.S. Government, Systems for Award Management (SAM) database.



Signature

Indira Jois

Type or Print Name

Vice President

Title

05/02/2016

Date

CONTRACTOR'S CERTIFICATION OF ELIGIBILITY

The Naik Consulting Group, PC (Insert Name of Company) hereby certifies that it is not listed on the State of New Jersey, Department of Labor and Workforce Development, Division of Wages and Hour Compliance, Prevailing Wage Debarment List or on the State of New Jersey, Department of Treasury, Consolidated Debarment Report.

Naik Consulting Group, PC (Insert Name of Company) is currently registered and active with no exclusion on the consolidated U.S. Government, Systems for Award Management (SAM) database.



Signature

Samir Mody
Type or Print Name


Senior Vice President
Title

May 9, 2016
Date

CONTRACTOR'S CERTIFICATION OF ELIGIBILITY

The Sowinski Sullivan Architects, PC (Insert Name of Company) hereby certifies that it is not listed on the State of New Jersey, Department of Labor and Workforce Development, Division of Wages and Hour Compliance, Prevailing Wage Debarment List or on the State of New Jersey, Department of Treasury, Consolidated Debarment Report.

Sowinski Sullivan Architects, PC (Insert Name of Company) is currently registered and active with no exclusion on the consolidated U.S. Government, Systems for Award Management (SAM) database.



Signature

Suzanne Sowinski, AIA, LEED AP, GGP
Type or Print Name

President
Title

5/12/2016
Date

CONTRACTOR'S CERTIFICATION OF ELIGIBILITY

The YU & Associates, Inc. (Insert Name of Company) hereby certifies that it is not listed on the State of New Jersey, Department of Labor and Workforce Development, Division of Wages and Hour Compliance, Prevailing Wage Debarment List or on the State of New Jersey, Department of Treasury, Consolidated Debarment Report.

YU & Associates, Inc. (Insert Name of Company) is currently registered and active with no exclusion on the consolidated U.S. Government, Systems for Award Management (SAM) database.



Signature

K. Peter Yu

Type or Print Name

Principal

Title

05/02/2016

Date

Affidavit of Compliance

AFFIDAVIT OF COMPLIANCE

I, Julie D'Orazio, PE (name of individual), executing this document on behalf of the undersigned company, partnership, corporation, or entity hereinafter referred to as "Contractor", presently seeking to do business with NJ TRANSIT by way of a Request for Proposals ("RFP") or Invitation for Bids ("IFB"), hereby warrant and affirm to NJ TRANSIT as follows:

1. I warrant and affirm that Contractor has received a copy of NJ TRANSIT's Code of Vendor Ethics and that I have read and studied this document and distributed this document to all of Contractor's personnel involved in seeking to do business with NJ TRANSIT and required said personnel to fully read this document. In addition, I further warrant and affirm that Contractor has received from NJ TRANSIT a document entitled "Important Notice to All Contractors and Consultants" and that I have read and studied this document, including the page setting forth various New Jersey statutory provisions, and that Contractor has distributed this document to all of Contractor's personnel involved in seeking to do business with NJ TRANSIT and required said personnel to fully read this document.

2. Contractor warrants and affirms that it has issued written instructions to all of Contractor's personnel involved in seeking to do business with NJ TRANSIT instructing and requiring same to strictly adhere to the Contractor's responsibilities as set forth in NJ TRANSIT's Code of Vendor Ethics and in the "Important Notice to All Contractors and Consultants".

3. Contractor warrants and affirms that during the bidding or proposal process for the contract with NJ TRANSIT, no gratuities or other inducements have been offered or given or will be offered or given in any form including gifts, gratuities, benefits, inducements, meals (other than *de minimis* valued snacks such as coffee, tea, soda, pretzels, cookies, or similar non-meal items), entertainment, or any other thing of value or favors of any kind to any member of NJ TRANSIT's Board of Directors, officer or employee of NJ TRANSIT.

4. The Contractor warrants and affirms that during the RFP or IFB process for the contract with NJ TRANSIT, Contractor has not and will not make any offers of employment to any member of the NJ TRANSIT Board of Directors, officer or employee directly involved with this contract or solicit or interview therefor, directly or indirectly, without first seeking and obtaining written approval from NJ TRANSIT's Ethics Liaison Officer.

5. The Contractor warrants and affirms that during the RFP or IFB process for the contract with NJ TRANSIT it has and shall promptly report in writing to NJ TRANSIT every instance that comes to the Contractor's attention and knowledge regarding any member of NJ TRANSIT's Board of Directors, officer or employee of NJ TRANSIT who has solicited or asked Contractor to provide gifts, gratuities, benefits, inducements, meals (other than *de minimis* valued snacks such as coffee, tea, soda, pretzels, cookies, or similar non-meal items), entertainment or any other thing of value or favors of any kind or has made any solicitation or request, directly or indirectly, for employment with or through the Contractor.

6. The Contractor acknowledges and accepts that for breach or violation of the foregoing warranties and affirmations, NJ TRANSIT shall have the discretion and legal right to disqualify Contractor from bidding or proposing for a contract between the Contractor and NJ TRANSIT.

AECOM Technical Services, Inc.

(Print Name of Contractor)



(Signature of Authorized Principal or Officer)

Julie D'Orazio, PE - Senior Vice President

(Print Name and Title of Signator)

AFFIDAVIT OF COMPLIANCE

I, Gary C. Morris (name of individual), executing this document on behalf of the undersigned company, partnership, corporation, or entity hereinafter referred to as "Contractor", presently seeking to do business with NJ TRANSIT by way of a Request for Proposals ("RFP") or Invitation for Bids ("IFB"), hereby warrant and affirm to NJ TRANSIT as follows:

1. I warrant and affirm that Contractor has received a copy of NJ TRANSIT's Code of Vendor Ethics and that I have read and studied this document and distributed this document to all of Contractor's personnel involved in seeking to do business with NJ TRANSIT and required said personnel to fully read this document. In addition, I further warrant and affirm that Contractor has received from NJ TRANSIT a document entitled "Important Notice to All Contractors and Consultants" and that I have read and studied this document, including the page setting forth various New Jersey statutory provisions, and that Contractor has distributed this document to all of Contractor's personnel involved in seeking to do business with NJ TRANSIT and required said personnel to fully read this document.

2. Contractor warrants and affirms that it has issued written instructions to all of Contractor's personnel involved in seeking to do business with NJ TRANSIT instructing and requiring same to strictly adhere to the Contractor's responsibilities as set forth in NJ TRANSIT's Code of Vendor Ethics and in the "Important Notice to All Contractors and Consultants".

3. Contractor warrants and affirms that during the bidding or proposal process for the contract with NJ TRANSIT, no gratuities or other inducements have been offered or given or will be offered or given in any form including gifts, gratuities, benefits, inducements, meals (other than *de minimis* valued snacks such as coffee, tea, soda, pretzels, cookies, or similar non-meal items), entertainment, or any other thing of value or favors of any kind to any member of NJ TRANSIT's Board of Directors, officer or employee of NJ TRANSIT.

4. The Contractor warrants and affirms that during the RFP or IFB process for the contract with NJ TRANSIT, Contractor has not and will not make any offers of employment to any member of the NJ TRANSIT Board of Directors, officer or employee directly involved with this contract or solicit or interview therefor, directly or indirectly, without first seeking and obtaining written approval from NJ TRANSIT's Ethics Liaison Officer.

5. The Contractor warrants and affirms that during the RFP or IFB process for the contract with NJ TRANSIT it has and shall promptly report in writing to NJ TRANSIT every instance that comes to the Contractor's attention and knowledge regarding any member of NJ TRANSIT's Board of Directors, officer or employee of NJ TRANSIT who has solicited or asked Contractor to provide gifts, gratuities, benefits, inducements, meals (other than *de minimis* valued snacks such as coffee, tea, soda, pretzels, cookies, or similar non-meal items), entertainment or any other thing of value or favors of any kind or has made any solicitation or request, directly or indirectly, for employment with or through the Contractor.

6. The Contractor acknowledges and accepts that for breach or violation of the foregoing warranties and affirmations, NJ TRANSIT shall have the discretion and legal right to disqualify Contractor from bidding or proposing for a contract between the Contractor and NJ TRANSIT.

Jacobs Engineering Group Inc.

(Print Name of Contractor)



(Signature of Authorized Principal or Officer)

Gary C. Morris, Vice President

(Print Name and Title of Signator)

May 9, 2016

AFFIDAVIT OF COMPLIANCE

I, Indira Jois (name of individual), executing this document on behalf of the undersigned company, partnership, corporation, or entity hereinafter referred to as "Contractor", presently seeking to do business with NJ TRANSIT by way of a Request for Proposals ("RFP") or Invitation for Bids ("IFB"), hereby warrant and affirm to NJ TRANSIT as follows:

1. I warrant and affirm that Contractor has received a copy of NJ TRANSIT's Code of Vendor Ethics and that I have read and studied this document and distributed this document to all of Contractor's personnel involved in seeking to do business with NJ TRANSIT and required said personnel to fully read this document. In addition, I further warrant and affirm that Contractor has received from NJ TRANSIT a document entitled "Important Notice to All Contractors and Consultants" and that I have read and studied this document, including the page setting forth various New Jersey statutory provisions, and that Contractor has distributed this document to all of Contractor's personnel involved in seeking to do business with NJ TRANSIT and required said personnel to fully read this document.

2. Contractor warrants and affirms that it has issued written instructions to all of Contractor's personnel involved in seeking to do business with NJ TRANSIT instructing and requiring same to strictly adhere to the Contractor's responsibilities as set forth in NJ TRANSIT's Code of Vendor Ethics and in the "Important Notice to All Contractors and Consultants".

3. Contractor warrants and affirms that during the bidding or proposal process for the contract with NJ TRANSIT, no gratuities or other inducements have been offered or given or will be offered or given in any form including gifts, gratuities, benefits, inducements, meals (other than *de minimis* valued snacks such as coffee, tea, soda, pretzels, cookies, or similar non-meal items), entertainment, or any other thing of value or favors of any kind to any member of NJ TRANSIT's Board of Directors, officer or employee of NJ TRANSIT.

4. The Contractor warrants and affirms that during the RFP or IFB process for the contract with NJ TRANSIT, Contractor has not and will not make any offers of employment to any member of the NJ TRANSIT Board of Directors, officer or employee directly involved with this contract or solicit or interview therefor, directly or indirectly, without first seeking and obtaining written approval from NJ TRANSIT's Ethics Liaison Officer.

5. The Contractor warrants and affirms that during the RFP or IFB process for the contract with NJ TRANSIT it has and shall promptly report in writing to NJ TRANSIT every instance that comes to the Contractor's attention and knowledge regarding any member of NJ TRANSIT's Board of Directors, officer or employee of NJ TRANSIT who has solicited or asked Contractor to provide gifts, gratuities, benefits, inducements, meals (other than *de minimis* valued snacks such as coffee, tea, soda, pretzels, cookies, or similar non-meal items), entertainment or any other thing of value or favors of any kind or has made any solicitation or request, directly or indirectly, for employment with or through the Contractor.

6. The Contractor acknowledges and accepts that for breach or violation of the foregoing warranties and affirmations, NJ TRANSIT shall have the discretion and legal right to disqualify Contractor from bidding or proposing for a contract between the Contractor and NJ TRANSIT.

JCMS, Inc.

(Print Name of Contractor)



(Signature of Authorized Principal or Officer)

Indira Jois Vice President

(Print Name and Title of Signator)

AFFIDAVIT OF COMPLIANCE

I, Samir Mody (name of individual), executing this document on behalf of the undersigned company, partnership, corporation, or entity hereinafter referred to as "Contractor", presently seeking to do business with NJ TRANSIT by way of a Request for Proposals ("RFP") or Invitation for Bids ("IFB"), hereby warrant and affirm to NJ TRANSIT as follows:

1. I warrant and affirm that Contractor has received a copy of NJ TRANSIT's Code of Vendor Ethics and that I have read and studied this document and distributed this document to all of Contractor's personnel involved in seeking to do business with NJ TRANSIT and required said personnel to fully read this document. In addition, I further warrant and affirm that Contractor has received from NJ TRANSIT a document entitled "Important Notice to All Contractors and Consultants" and that I have read and studied this document, including the page setting forth various New Jersey statutory provisions, and that Contractor has distributed this document to all of Contractor's personnel involved in seeking to do business with NJ TRANSIT and required said personnel to fully read this document.

2. Contractor warrants and affirms that it has issued written instructions to all of Contractor's personnel involved in seeking to do business with NJ TRANSIT instructing and requiring same to strictly adhere to the Contractor's responsibilities as set forth in NJ TRANSIT's Code of Vendor Ethics and in the "Important Notice to All Contractors and Consultants".

3. Contractor warrants and affirms that during the bidding or proposal process for the contract with NJ TRANSIT, no gratuities or other inducements have been offered or given or will be offered or given in any form including gifts, gratuities, benefits, inducements, meals (other than *de minimis* valued snacks such as coffee, tea, soda, pretzels, cookies, or similar non-meal items), entertainment, or any other thing of value or favors of any kind to any member of NJ TRANSIT's Board of Directors, officer or employee of NJ TRANSIT.

4. The Contractor warrants and affirms that during the RFP or IFB process for the contract with NJ TRANSIT, Contractor has not and will not make any offers of employment to any member of the NJ TRANSIT Board of Directors, officer or employee directly involved with this contract or solicit or interview therefor, directly or indirectly, without first seeking and obtaining written approval from NJ TRANSIT's Ethics Liaison Officer.

5. The Contractor warrants and affirms that during the RFP or IFB process for the contract with NJ TRANSIT it has and shall promptly report in writing to NJ TRANSIT every instance that comes to the Contractor's attention and knowledge regarding any member of NJ TRANSIT's Board of Directors, officer or employee of NJ TRANSIT who has solicited or asked Contractor to provide gifts, gratuities, benefits, inducements, meals (other than *de minimis* valued snacks such as coffee, tea, soda, pretzels, cookies, or similar non-meal items), entertainment or any other thing of value or favors of any kind or has made any solicitation or request, directly or indirectly, for employment with or through the Contractor.

6. The Contractor acknowledges and accepts that for breach or violation of the foregoing warranties and affirmations, NJ TRANSIT shall have the discretion and legal right to disqualify Contractor from bidding or proposing for a contract between the Contractor and NJ TRANSIT.

Naik Consulting Group, PC
(Print Name of Contractor)



(Signature of Authorized Principal or Officer)

Samir Mody, Senior Vice President
(Print Name and Title of Signator)

AFFIDAVIT OF COMPLIANCE

I, Suzanne Sowinski, AIA, LEED AP, GGP (name of individual), executing this document on behalf of the undersigned company, partnership, corporation, or entity hereinafter referred to as "Contractor", presently seeking to do business with NJ TRANSIT by way of a Request for Proposals ("RFP") or Invitation for Bids ("IFB"), hereby warrant and affirm to NJ TRANSIT as follows:

1. I warrant and affirm that Contractor has received a copy of NJ TRANSIT's Code of Vendor Ethics and that I have read and studied this document and distributed this document to all of Contractor's personnel involved in seeking to do business with NJ TRANSIT and required said personnel to fully read this document. In addition, I further warrant and affirm that Contractor has received from NJ TRANSIT a document entitled "Important Notice to All Contractors and Consultants" and that I have read and studied this document, including the page setting forth various New Jersey statutory provisions, and that Contractor has distributed this document to all of Contractor's personnel involved in seeking to do business with NJ TRANSIT and required said personnel to fully read this document.

2. Contractor warrants and affirms that it has issued written instructions to all of Contractor's personnel involved in seeking to do business with NJ TRANSIT instructing and requiring same to strictly adhere to the Contractor's responsibilities as set forth in NJ TRANSIT's Code of Vendor Ethics and in the "Important Notice to All Contractors and Consultants".

3. Contractor warrants and affirms that during the bidding or proposal process for the contract with NJ TRANSIT, no gratuities or other inducements have been offered or given or will be offered or given in any form including gifts, gratuities, benefits, inducements, meals (other than *de minimis* valued snacks such as coffee, tea, soda, pretzels, cookies, or similar non-meal items), entertainment, or any other thing of value or favors of any kind to any member of NJ TRANSIT's Board of Directors, officer or employee of NJ TRANSIT.

4. The Contractor warrants and affirms that during the RFP or IFB process for the contract with NJ TRANSIT, Contractor has not and will not make any offers of employment to any member of the NJ TRANSIT Board of Directors, officer or employee directly involved with this contract or solicit or interview therefor, directly or indirectly, without first seeking and obtaining written approval from NJ TRANSIT's Ethics Liaison Officer.

5. The Contractor warrants and affirms that during the RFP or IFB process for the contract with NJ TRANSIT it has and shall promptly report in writing to NJ TRANSIT every instance that comes to the Contractor's attention and knowledge regarding any member of NJ TRANSIT's Board of Directors, officer or employee of NJ TRANSIT who has solicited or asked Contractor to provide gifts, gratuities, benefits, inducements, meals (other than *de minimis* valued snacks such as coffee, tea, soda, pretzels, cookies, or similar non-meal items), entertainment or any other thing of value or favors of any kind or has made any solicitation or request, directly or indirectly, for employment with or through the Contractor.

6. The Contractor acknowledges and accepts that for breach or violation of the foregoing warranties and affirmations, NJ TRANSIT shall have the discretion and legal right to disqualify Contractor from bidding or proposing for a contract between the Contractor and NJ TRANSIT.

Sowinski Sullivan Architects, PC

(Print Name of Contractor)

(Signature of Authorized Principal or Officer)

Suzanne Sowinski, AIA, LEED AP, GGP - President

(Print Name and Title of Signator)

AFFIDAVIT OF COMPLIANCE

I, K. Peter Yu *(name of individual)*, executing this document on behalf of the undersigned company, partnership, corporation, or entity hereinafter referred to as "Contractor", presently seeking to do business with NJ TRANSIT by way of a Request for Proposals ("RFP") or Invitation for Bids ("IFB"), hereby warrant and affirm to NJ TRANSIT as follows:

1. I warrant and affirm that Contractor has received a copy of NJ TRANSIT's Code of Vendor Ethics and that I have read and studied this document and distributed this document to all of Contractor's personnel involved in seeking to do business with NJ TRANSIT and required said personnel to fully read this document. In addition, I further warrant and affirm that Contractor has received from NJ TRANSIT a document entitled "Important Notice to All Contractors and Consultants" and that I have read and studied this document, including the page setting forth various New Jersey statutory provisions, and that Contractor has distributed this document to all of Contractor's personnel involved in seeking to do business with NJ TRANSIT and required said personnel to fully read this document.

2. Contractor warrants and affirms that it has issued written instructions to all of Contractor's personnel involved in seeking to do business with NJ TRANSIT instructing and requiring same to strictly adhere to the Contractor's responsibilities as set forth in NJ TRANSIT's Code of Vendor Ethics and in the "Important Notice to All Contractors and Consultants".

3. Contractor warrants and affirms that during the bidding or proposal process for the contract with NJ TRANSIT, no gratuities or other inducements have been offered or given or will be offered or given in any form including gifts, gratuities, benefits, inducements, meals (other than *de minimis* valued snacks such as coffee, tea, soda, pretzels, cookies, or similar non-meal items), entertainment, or any other thing of value or favors of any kind to any member of NJ TRANSIT's Board of Directors, officer or employee of NJ TRANSIT.


4. The Contractor warrants and affirms that during the RFP or IFB process for the contract with NJ TRANSIT, Contractor has not and will not make any offers of employment to any member of the NJ TRANSIT Board of Directors, officer or employee directly involved with this contract or solicit or interview therefor, directly or indirectly, without first seeking and obtaining written approval from NJ TRANSIT's Ethics Liaison Officer.

5. The Contractor warrants and affirms that during the RFP or IFB process for the contract with NJ TRANSIT it has and shall promptly report in writing to NJ TRANSIT every instance that comes to the Contractor's attention and knowledge regarding any member of NJ TRANSIT's Board of Directors, officer or employee of NJ TRANSIT who has solicited or asked Contractor to provide gifts, gratuities, benefits, inducements, meals (other than *de minimis* valued snacks such as coffee, tea, soda, pretzels, cookies, or similar non-meal items), entertainment or any other thing of value or favors of any kind or has made any solicitation or request, directly or indirectly, for employment with or through the Contractor.

6. The Contractor acknowledges and accepts that for breach or violation of the foregoing warranties and affirmations, NJ TRANSIT shall have the discretion and legal right to disqualify Contractor from bidding or proposing for a contract between the Contractor and NJ TRANSIT.

YU & Associates, Inc.

(Print Name of Contractor)



(Signature of Authorized Principal or Officer)

K. Peter Yu Principal

(Print Name and Title of Signator)

Certificate of Contracts, Loans and Cooperative Agreements

NEW JERSEY TRANSIT CORPORATION

RFP NO. 16-006

**CERTIFICATION FOR CONTRACTS, GRANTS, LOANS
AND COOPERATIVE AGREEMENTS**

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

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal Contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal Contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal Contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit "Disclosure of Lobbying Activities," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.



Signature of Authorized Official

Julie D'Orazio, PE

Print Name

Senior Vice President

Title

AECOM Technical Services, Inc.

Firm

May 16, 2006

Date

NEW JERSEY TRANSIT CORPORATION

RFP NO. 16-006

**CERTIFICATION FOR CONTRACTS, GRANTS, LOANS
AND COOPERATIVE AGREEMENTS**

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

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal Contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal Contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal Contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit "Disclosure of Lobbying Activities," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.



Signature and Title of Authorized Official

Gary C. Morris

Print Name

Vice President

Title

Jacobs Engineering Group Inc.

Firm

May 9, 2016

Date

NEW JERSEY TRANSIT CORPORATION

RFP NO. 16-006

**CERTIFICATION FOR CONTRACTS, GRANTS, LOANS
AND COOPERATIVE AGREEMENTS**

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

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal Contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal Contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal Contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit "Disclosure of Lobbying Activities," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.



Signature of Authorized Official

Indra Jois

Print Name

Vice President

Title

JCMS, Inc.

Firm

05/02/2016

Date

NEW JERSEY TRANSIT CORPORATION

RFP NO. 16-006

**CERTIFICATION FOR CONTRACTS, GRANTS, LOANS
AND COOPERATIVE AGREEMENTS**

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

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal Contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal Contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal Contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit "Disclosure of Lobbying Activities," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.



Signature of Authorized Official

Samir Mody

Print Name

Senior Vice President

Title

Naik Consulting Group, PC

Firm

May 9, 2016

Date

NEW JERSEY TRANSIT CORPORATION

RFP NO. 16-006

**CERTIFICATION FOR CONTRACTS, GRANTS, LOANS
AND COOPERATIVE AGREEMENTS**

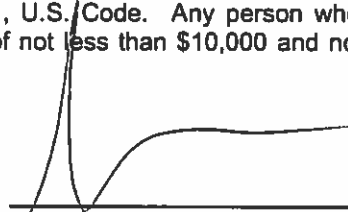
The undersigned certifies, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal Contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal Contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal Contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit "Disclosure of Lobbying Activities," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.



Signature of Authorized Official

Suzanne Sowinski, AIA, LEED AP, GGP

Print Name

President

Title

Sowinski Sullivan Architects, PC

Firm

5/12/2016

Date

NEW JERSEY TRANSIT CORPORATION

RFP NO. 16-006

**CERTIFICATION FOR CONTRACTS, GRANTS, LOANS
AND COOPERATIVE AGREEMENTS**

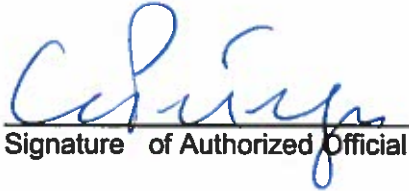
The undersigned certifies, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal Contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal Contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal Contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit "Disclosure of Lobbying Activities," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.


Signature of Authorized Official

K. Peter Yu
Print Name

Principal
Title

YU & Associates, Inc.
Firm

05/02/2016
Date

NJ Business Registration



STATE OF NEW JERSEY BUSINESS REGISTRATION CERTIFICATE

Taxpayer Name: AECOM TECHNICAL SERVICES, INC.
Trade Name:
Address: 30 KNIGHTSBRIDGE ROAD, STE 520
PISCATAWAY, NJ 08854-3963
Certificate Number: 0096113
Effective Date: July 01, 1991
Date of Issuance: January 20, 2016

For Office Use Only:
20160120122431178

CERT-1

09/13/01

**JACOBS ENGINEERING GROUP INC.
P O BOX 7084
PASADENA CA 91109-7084**

Taxpayer Identification# [REDACTED]

Dear Business Representative:

Recently enacted State law (Public Law 2001, c.134) requires all contractors and subcontractors with State, county and municipal agencies to provide proof of their registration with the Department of the Treasury, Division of Revenue. The law became effective September 1, 2001.

Our records indicate that you are currently registered with the Division of Revenue, and accordingly, we have attached a Proof of Registration Certificate for your use. If you are currently under contract or entering into a contract with a State, county or local agency, you must provide a copy of the certificate to the contracting agency.

Please note that the law sets forth penalties for non-compliance with the provisions above. See N.J.S.A. 54:52-20.

Finally, please note that the new law amended Section 92 of the Casino Control Act, which deals with the casino service industry.

Should you have any questions or require more information about the attached certificate, or are involved with the casino service industry, call (809) 292-1730.

Thank you in advance for your consideration and cooperation.

Sincerely,

Patricia A. Chiacchio
Patricia A. Chiacchio
Director, Division of Revenue

STATE OF NEW JERSEY
BUSINESS REGISTRATION CERTIFICATE
FOR STATE AGENCY AND CASINO SERVICE CONTRACTORS

DEPARTMENT OF TREASURY/
DIVISION OF REVENUE
PO BOX 252
TRENTON, N J 08646-0252

TAXPAYER NAME:

JACOBS ENGINEERING GROUP INC.

TRADE NAME:

TAXPAYER IDENTIFICATION#

[REDACTED]

CONTRACTOR CERTIFICATION#

0096272

ADDRESS

P O BOX 7084
PASADENA CA 91109-7084

ISSUANCE DATE:

09/13/01

EFFECTIVE DATE:

02/10/87

FORM-BRC(08-01)

Patricia A. Chiacchio
Director, Division of Revenue

This Certificate is NOT assignable or transferable. It must be conspicuously displayed at above address.

08/22/03

Taxpayer Identification# [REDACTED]

Dear Business Representative:

Congratulations! You are now registered with the New Jersey Division of Revenue.

Use the Taxpayer Identification Number listed above on all correspondence with the Divisions of Revenue and Taxation, as well as with the Department of Labor (if the business is subject to unemployment withholdings). Your tax returns and payments will be filed under this number, and you will be able to access information about your account by referencing it.

Additionally, please note that State law (Public Law 2001, c.134) requires all contractors and subcontractors with State agencies to provide proof of their registration with the Division of Revenue. The law also amended Section 92 of the Casino Control Act, which deals with the casino service industry.

We have attached a Proof of Registration Certificate for your use. To comply with the law, if you are currently under contract or entering into a contract with a State agency, you must provide a copy of the certificate to the contracting agency.

If you have any questions or require more information, feel free to call our Registration Hotline at (609) 292-1730.

I wish you continued success in your business endeavors.

Sincerely,

John E. Tully
John E. Tully, CPA
Acting Director

STATE OF NEW JERSEY		<small>DEPARTMENT OF TREASURY/ DIVISION OF REVENUE PO BOX 282 TRENTON, NJ 08646-0252</small>
BUSINESS REGISTRATION CERTIFICATE FOR STATE AGENCY AND CASINO SERVICE CONTRACTORS		
TAXPAYER NAME: JCMS, INC.	TRADE NAME:	
TAXPAYER IDENTIFICATION#: [REDACTED]	SEQUENCE NUMBER: 0079084	
ADDRESS: 1741 WHITEHORSE MERCERVILLE RD MERCERVILLE NJ 08619	ISSUANCE DATE: 08/22/03	
EFFECTIVE DATE: 03/01/91	<i>John E. Tully</i> Acting Director	
FORM-BRC(08-01)	<small>This Certificate is NOT assignable or transferable. It must be conspicuously displayed at above address</small>	

05/01/07

Taxpayer Identification# [REDACTED]

Dear Business Representative:

Congratulations! You are now registered with the New Jersey Division of Revenue.

Use the Taxpayer Identification Number listed above on all correspondence with the Divisions of Revenue and Taxation, as well as with the Department of Labor (if the business is subject to unemployment withholdings). Your tax returns and payments will be filed under this number, and you will be able to access information about your account by referencing it.

Additionally, please note that State law requires all contractors and subcontractors with Public agencies to provide proof of their registration with the Division of Revenue. The law also amended Section 92 of the Casino Control Act, which deals with the casino service industry.

We have attached a Proof of Registration Certificate for your use. To comply with the law, if you are currently under contract or entering into a contract with a State agency, you must provide a copy of the certificate to the contracting agency.

If you have any questions or require more information, feel free to call our Registration Hotline at (609)292-1730.

I wish you continued success in your business endeavors.

Sincerely,



James J. Fruscione
Acting Director
New Jersey Division of Revenue

STATE OF NEW JERSEY
BUSINESS REGISTRATION CERTIFICATE

DEPARTMENT OF TREASURY/
DIVISION OF REVENUE
PO BOX 252
TRENTON, N J 08646-0252

TAXPAYER NAME:

NAIK CONSULTING GROUP, P.C.

ADDRESS:

200 METROPLEX DR STE.403
EDISON NJ 08837

EFFECTIVE DATE:

10/22/97

TRADE NAME:

SEQUENCE NUMBER:

0086194

ISSUANCE DATE:

05/01/07



Acting Director
New Jersey Division of Revenue

STATE OF NEW JERSEY
BUSINESS REGISTRATION CERTIFICATE
FOR STATE AGENCY AND CASINO SERVICE CONTRACTORS

DEPARTMENT OF TREASURY/
DIVISION OF REVENUE
PO BOX 252
TRENTON, N.J. 08646-0252

TAXPAYER NAME:
SOWINSKI SULLIVAN ARCHITECTS, PC

TRADE NAME:

TAXPAYER IDENTIFICATION#:

SEQUENCE NUMBER:

0104361

ADDRESS:
25 MOHAWK AVE
SPARTA NJ 07871

ISSUANCE DATE:

09/23/02

EFFECTIVE DATE:
05/13/99

FORM-BRC(08-01)

J.P. & Tully
Acting Director

This Certificate is NOT assignable or transferable. It must be conspicuously displayed at above address.

STATE OF NEW JERSEY
BUSINESS REGISTRATION CERTIFICATE

DEPARTMENT OF TREASURY/
DIVISION OF REVENUE
PO BOX 252
TRENTON, N J 08646-0252

TAXPAYER NAME:
VJ ASSOCIATES OF NEW JERSEY, INC

TRADE NAME:

ADDRESS:
1090 KING GEORGES POST RD #301
EDISON NJ 08837
EFFECTIVE DATE:

SEQUENCE NUMBER:

0974124

ISSUANCE DATE:

05/23/05

01/24/03

John S. Tully
Director

FORM-BRC(08-01)

This Certificate is NOT assignable or transferable. It must be conspicuously displayed at above address.

STATE OF NEW JERSEY
BUSINESS REGISTRATION CERTIFICATE

DEPARTMENT OF TREASURY/
DIVISION OF REVENUE
PO BOX 252
TRENTON, N J 08646-0252

TAXPAYER NAME:

YU & ASSOCIATES, INC.

TRADE NAME:

ADDRESS:

**200 RIVERFRONT BLVD
ELMWOOD PARK NJ 07407**

SEQUENCE NUMBER:

0104045

EFFECTIVE DATE:

02/11/93

ISSUANCE DATE:

08/27/08



Director
New Jersey Division of Revenue

FORM-BRC

(04-05), D203846V

This Certificate is NOT assignable or transferable. It must be conspicuously displayed at above address.

04/08/14

Taxpayer Identification# [REDACTED]

Dear Business Representative:

Congratulations! You are now registered with the New Jersey Division of Revenue.

Use the Taxpayer Identification Number listed above on all correspondence with the Divisions of Revenue and Taxation, as well as with the Department of Labor (if the business is subject to unemployment withholdings). Your tax returns and payments will be filed under this number, and you will be able to access information about your account by referencing it.

Additionally, please note that State law requires all contractors and subcontractors with Public agencies to provide proof of their registration with the Division of Revenue. The law also amended Section 92 of the Casino Control Act, which deals with the casino service industry.

We have attached a Proof of Registration Certificate for your use. To comply with the law, if you are currently under contract or entering into a contract with a State agency, you must provide a copy of the certificate to the contracting agency.

If you have any questions or require more information, feel free to call our Registration Hotline at (609)292-9292.

I wish you continued success in your business endeavors.

Sincerely,



James J. Fruscione
Director
New Jersey Division of Revenue

STATE OF NEW JERSEY
BUSINESS REGISTRATION CERTIFICATE

DEPARTMENT OF TREASURY/
DIVISION OF REVENUE
PO BOX 252
TRENTON, NJ 08646-0252

TAXPAYER NAME:
INGROUP NETWORKING, INC.

ADDRESS:
340 W PASSAIC ST FLR 1
ROCHELLE PARK NJ 07662-3019

EFFECTIVE DATE:

01/25/05


TRADE NAME:
INGROUP, INC

SEQUENCE NUMBER:

1121887

ISSUANCE DATE:

04/08/14



Director
New Jersey Division of Revenue

FORM-BRC

This Certificate is NOT assignable or transferable. It must be conspicuously displayed at above address.

Ownership Disclosure Form

OWNERSHIP DISCLOSURE FORM

NUMBER : 16-006
 OPEN DATE : May 17, 2016
 T-NUMBER :
 BIDDER : AECOM Technical Services, Inc

PAGE
 1

INSTRUCTIONS: Provide below the names, home addresses, dates of birth, offices held and any ownership interest of all officers of the firm named above. If additional space is necessary, provide on an attached sheet.

NAME	HOME ADDRESS	DATE OF BIRTH	OFFICE HELD	OWNERSHIP INTEREST (Shares Owned or % of Partnership)
Earth Technology Corp. (USA) owns 100% of AECOM Technical Services, Inc.				

INSTRUCTIONS: Provide below the names, home addresses, dates of birth, and ownership interest of all individuals not listed above, and any partnerships, corporations and any other owner having a 10% or greater interest in the firm named above. If a listed owner is a corporation or partnership, provide below the same information for the holders of 10% or more interest in that corporation or partnership. If additional space is necessary, provide that information on an attached sheet. Complete the certification at the bottom of this form. If this form has previously been submitted to the Purchase Bureau in connection with another bid, indicate changes, if any, where appropriate, and complete the certification below.

NAME	HOME ADDRESS	DATE OF BIRTH	OFFICE HELD	OWNERSHIP INTEREST (Shares Owned or % of Partnership)
Earth Technology Corp. (USA) owns 100% of AECOM Technical Services, Inc.				
Earth Technology Corp. (USA) is located at 515 South Flower Street, Los Angeles, CA 90571				

COMPLETE ALL QUESTIONS BELOW

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

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

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

COMPANY NAME: AECOM Technical Services, Inc.

ADDRESS: 605 Third Avenue, New York, NY 10158

FEIN/SSN#:

PRINT OR TYPE

Julie D'Orazio (Signature)

Julie D'Orazio, PE (Name)

Senior Vice President (Title)

Date: May 16, 2016

OWNERSHIP DISCLOSURE FORM

NUMBER : 16-006
 OPEN DATE : 05/17/2016
 T-NUMBER :
 BIDDER : Jacobs Engineering Group Inc.

PAGE

INSTRUCTIONS: Provide below the names, home addresses, dates of birth, offices held and any ownership interest of all officers of the firm named above. If additional space is necessary provide on an attached sheet.

NAME	HOME ADDRESS	DATE OF BIRTH	OFFICE HELD	OWNERSHIP INTEREST (Shared Owned or % of Partnership)
SEE ATTACHMENT A				

INSTRUCTIONS: Provide below the names, home addresses, dates of birth, and ownership interest of all individuals not listed above, and any partnerships, corporations and any other owner having a 10% or greater interest in the firm named above. If a listed owner is a corporation or partnership, provide below the same information for the holders of 10% or more interest in that corporation or partnership. If additional space is necessary, provide that information on an attached sheet. Complete the certification at the bottom of this form. If this form has previously been submitted to the Purchase Bureau in connection with another bid, indicate changes, if any, where appropriate, and complete the certification below.

NAME	HOME ADDRESS	DATE OF BIRTH	OFFICE HELD	OWNERSHIP INTEREST (Shared Owned or % of Partnership)
SEE ATTACHMENT B				

COMPLETE ALL QUESTIONS BELOW

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

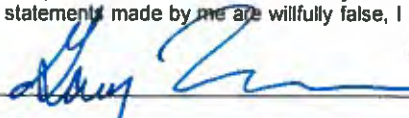
CERTIFICATION: I, being duly sworn upon my oath, hereby represent and state that the foregoing information and any attachments thereto to the best of my knowledge are true and complete. I acknowledge that the State of New Jersey is relying on the information contained herein and thereby acknowledge that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

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

COMPANY NAME: Jacobs Engineering Group Inc.

ADDRESS: 299 Madison Avenue
Morristown, NJ 07962

FEIN/SSN#:

 (Signature)
 PRINT OR TYPE Gary C. Morris (Name)
Vice President (Title)

Date: May 9, 2016

ATTACHMENT A – Jacobs Engineering Group Inc. Officers and Directors–

Name	Title
Demetriou, Steven J.	President and Chief Executive Officer / Director
Bronson, J. R.	Director
Coyne, John F.	Director
Davidson, R. C. Jr.	Director
Eberhart, Ralph E.	Director
Hickton, Dawne S.	Director
Levinson, Linda Fayne	Director
Robertson, Peter J	Director
Suárez Coppel, Juan José	Director
Thompson, Chris M.T.	Director
Kremer, Andrew F.	Executive Advisor
Hagen, Terence D.	President – Aerospace & Technology
Mandel, Joseph Gary	President – Petroleum & Chemicals
Pragada, Robert V.	President - Industrial
Stassi, Philip J.	President – Buildings & Infrastructure
Quinn, Thomas J.	Group Vice President, Western Region
Berryman, Kevin Christopher	Executive Vice President / Chief Financial Officer / Treasurer
Axcell, Stephen C	Senior Vice President & General Manager, Mining & Minerals
Beebe, Don	Senior Vice President, Sales
Birkhofer, W. J.	Senior Vice President, Government Relations
Goldfarb, Jeffrey Michael	Senior Vice President / Controller
Hannigan, Marietta C.	Senior Vice President, Sales Center of Excellence
Johnson, Rabon Ward	Senior Vice President & General Manager, Advanced Engineering, Research & Operations
Junco, Manuel	Senior Vice President & General Manager – Refining – Americas
Kraabel, Darren L.	Senior Vice President & General Manager – Mission Solutions
McDuffie, H. Thomas Jr.	Senior Vice President, Growth & Strategy
McLachlan, John	Senior Vice President, Acquisitions and Strategy
Norfleet, Robert G	Senior Vice President & General Manager – Life Sciences
Pierce, Randy C.	Senior Vice President & General Manager – North and South America
Rumford, Greg	Senior Vice President
Sanders, Geoff P.	Senior Vice President and Chief Accounting Officer
Steele, Sue M.	Senior Vice President, Procurement
Sundberg, Lori S.	Senior Vice President & Chief Human Resources Officer
Taylor, Allyn Byram	Senior Vice President / Senior Advisor
Tyler, Michael R.	Senior Vice President / General Counsel / Secretary
Wiles, James (Lowell) L.	Senior Vice President & General Manager – Field Services
Morris, Gary	Vice President (appointed)
Rosenblum, Stanley	Vice President (appointed)
Fisher, Curtis A.	Assistant Secretary
Limbaugh, John	Assistant Secretary
Refinski, Elizabeth A.	Assistant Secretary
Scher, Brian	Assistant Secretary

Attachment B - Question 1 Response

Jacobs Engineering Group Inc. is a publicly traded company. As of the date of this submission, to the best of our knowledge, and based solely on the information available through filings with the Securities and Exchange Commission, no individual person or entity owns 10% or greater interest in the company.

Attachment C – Question 2 Response

The Submitting Firm, Jacobs Engineering Group Inc., and its subsidiaries form an organization that is comprised of approximately 125 operating companies and affiliates, having a total current employment complement of over 60,000 persons and revenues of approximately \$12 billion. From time to time and in the ordinary course of its business, the Company is subject to various claims, disputes, terminations, arbitrations, and other legal proceedings. It is the Company's practice to vigorously defend itself in such actions, many of which are generally subject to insurance and none of which are expected to have a materially adverse effect on the Company's consolidated financial statements.

Attachment D - Question 3 Response

The Submitting Firm, Jacobs Engineering Group Inc., and its subsidiaries, form an organization that is comprised of approximately 125 operating companies and affiliates, having a total current employment complement of over 60,000 persons and revenues of approximately \$12 billion. The question asks if Jacobs or any person listed on this form have ever been suspended, debarred or otherwise declared ineligible by any agency or government from bidding or contracting to provide services, labor, material, or supplies. This question asks Jacobs for information since Jacobs began conducting business. Jacobs does not have information for the period of time required of this question to adequately answer this question. During the past five years, Jacobs or any person listed in this form have not been suspended, debarred, or otherwise declared ineligible by any agency or government from bidding or contracting to provide services, labor, material, or supplies.

Attachment E – Question 5 Response

The Submitting Firm, Jacobs Engineering Group Inc., and its subsidiaries, form an organization that is comprised of approximately 125 operating companies and affiliates, having a total current employment complement of over 60,000 persons and revenues of approximately \$12 billion. The question asks if any person or entity listed on the form or its attachments has been denied any license, permit or similar authorization required to engage in work applied for herein, or has such license, permit or similar authorization been revoked by any agency of federal, state or local government. This question asks Jacobs for information pertaining to members since Jacobs began conducting business. Jacobs does not have information for the period of time required of this question to adequately answer this question. During the past five years, the entity listed on the form or its attachments, to the best of our knowledge and belief, has not been denied any license, permit or similar authorization required to engage in work applied for herein, or has had such license, permit or similar authorization been revoked by any agency of federal, state or local government.

Source Disclosure Certification

N.J.S.A 52:34-13.2 CERTIFICATION
SOURCE DISCLOSURE CERTIFICATION FORM

Consultant: AECOM Technical Services, Inc.

Contract Number: 16-006

I hereby certify and say:

I have personal knowledge of the facts set forth herein and am authorized to make this Certification on behalf of the Consultant.

The Consultant submits this Certification as part of its proposal in response to the referenced solicitation issued by NJ TRANSIT, in accordance with the requirements of N.J.S.A. 52:34-13.2.

The following is a list of every location where services will be performed by the consultant and all subconsultants.

Consultant or Subconsultant Description of Services Performance Location[s] by Country

All services under this contract will be performed in the United States of America

Any changes to the information set forth in this Certification during the term of any contract awarded under the referenced solicitation or extension thereof will be immediately reported by the Consultant to the Director of Contracts, NJ TRANSIT Corporation, One Penn Plaza East, Newark, NJ 07105.

I understand that, after award of a contract to the Consultant, it is determined that the Consultant has shifted services declared above to be provided within the United States to sources outside the United States prior to a written determination by the Contracting Officer, that the services can not be performed in the United States, the Consultant shall be deemed in breach of contract, which contract will be subject to termination for cause pursuant to Article 15 of the Professional Services Agreement.

I further understand that this Certification is submitted on behalf of the Consultant in order to induce NJ TRANSIT to accept a proposal, with knowledge that NJ TRANSIT is relying upon the truth of the statements contained herein.

I certify that, to the best of my knowledge and belief, the foregoing statements by me are true. I am aware that if any of the statements are willfully false, I am subject to punishment.

Consultant: AECOM Technical Services, Inc.
[Name of Organization or Entity]

By: Julie D'Orazio
Print Name: Julie D'Orazio, PE

Title: Senior Vice President

Date: May 16, 2016

**N.J.S.A 52:34-13.2 CERTIFICATION
SOURCE DISCLOSURE CERTIFICATION FORM**

Subconsultant: Jacobs Engineering Group Inc.

Contract Number: 16-006

I hereby certify and say:

I have personal knowledge of the facts set forth herein and am authorized to make this Certification on behalf of the Consultant.

The Consultant submits this Certification as part of its proposal in response to the referenced solicitation issued by NJ TRANSIT, in accordance with the requirements of N.J.S.A. 52:34-13.2.

The following is a list of every location where services will be performed by the consultant and all subconsultants.

Consultant or Subconsultant	Description of Services	Performance Location[s] by Country
Jacobs Engineering Group Inc. (Consultant)	Structural Design of Bridges, Platform and Canopy Foundations, Assistance with Track Layout and Geometry, Construction Staging, and Constructability within a Rail Yard Environment	299 Madison Avenue Morristown, NJ 07962, USA

Any changes to the information set forth in this Certification during the term of any contract awarded under the referenced solicitation or extension thereof will be immediately reported by the Consultant to the Director of Contracts, NJ TRANSIT Corporation, One Penn Plaza East, Newark, NJ 07105.

I understand that, after award of a contract to the Consultant, it is determined that the Consultant has shifted services declared above to be provided within the United States to sources outside the United States prior to a written determination by the Contracting Officer, that the services can not be performed in the United States, the Consultant shall be deemed in breach of contract, which contract will be subject to termination for cause pursuant to Article 14 of the Professional Services Agreement.

I further understand that this Certification is submitted on behalf of the Consultant in order to induce NJ TRANSIT to accept a proposal, with knowledge that NJ TRANSIT is relying upon the truth of the statements contained herein.

I certify that, to the best of my knowledge and belief, the foregoing statements by me are true. I am aware that if any of the statements are willfully false, I am subject to punishment.

Consultant: Jacobs Engineering Group Inc.
[Name of Organization or Entity]

By: 

Title: Vice President

Print Name: Gary C. Morris

Date: May 9, 2016

Disclosure of Investment Activities in Iran

EXHIBIT 12
DISCLOSURE OF INVESTMENT ACTIVITIES IN IRAN

RFP No.: 16-006 Proposer: AECOM Technical Services, Inc.

PART 1: CERTIFICATION

BIDDERS MUST COMPLETE PART 1 BY CHECKING EITHER BOX.

FAILURE TO CHECK ONE OF THE BOXES WILL RENDER THE PROPOSAL
NON-RESPONSIVE.

Pursuant to Public Law 2012, c. 25, any person or entity that submits a bid or proposal or otherwise proposes to enter into or renew a contract must complete the certification below to attest, under penalty of perjury, that neither the person or entity, nor any of its parents, subsidiaries, or affiliates, is identified on the State of New Jersey, Department of Treasury's Chapter 25 list as a person or entity engaging in investment activities in Iran. The Chapter 25 list is found at the following Website:

<http://www.state.nj.us/treasury/purchase/pdf/Chapter25List.pdf>.

Bidders must review this list prior to completing the below certification. Failure to complete the certification will render a bidder's proposal non-responsive. If the Director finds a person or entity to be in violation of law, s/he shall take action as may be appropriate and provided by law, rule or contract, including but not limited to, imposing sanctions, seeking compliance, recovering damages, declaring the party in default and seeking debarment or suspension of the party

PLEASE CHECK THE APPROPRIATE BOX:

I certify, pursuant to Public Law 2012, c. 25, that neither the bidder listed above nor any of the bidder's parents, subsidiaries, or affiliates is listed on the N.J. Department of the Treasury's list of entities determined to be engaged in prohibited activities in Iran pursuant to P.L. 2012, c. 25 ("Chapter 25 List"). I further certify that I am the person listed above, or I am an officer or representative of the entity listed above and am authorized to make this certification on its behalf. I will skip Part 2 and sign and complete the Certification below.

OR

I am unable to certify as above because the bidder and/or one or more of its parents, subsidiaries, or affiliates is listed on the Department's Chapter 25 list. I will provide a detailed, accurate and precise description of the activities in Part 2 below and sign and complete the Certification below. Failure to provide such will result in the proposal being rendered as nonresponsive and appropriate penalties, fines and/or sanctions will be assessed as provided by law.

PART 2: PLEASE PROVIDE FURTHER INFORMATION RELATED TO INVESTMENT ACTIVITIES IN IRAN

You must provide a detailed, accurate and precise description of the activities of the bidding person/entity, or one of its parents, subsidiaries or affiliates, engaging in the investment activities in Iran outlined above by completing the boxes below.

PLEASE PROVIDE THOROUGH ANSWERS TO EACH QUESTION.
IF YOU NEED TO MAKE ADDITIONAL ENTRIES, PLEASE COPY AND COMPLETE THIS SHEET AND SUBMIT IT WITH YOUR BID.

Name _____	Relationship to Bidder/Offeror _____
Description of Activities _____	

Duration of Engagement _____	Anticipated Cessation Date _____
Bidder/Offeror Contact Name _____	Contact Phone Number _____

Certification: I, being duly sworn upon my oath, hereby represent and state that the foregoing information _____ a

Name _____	Relationship to Bidder/Offeror _____
Description of Activities _____	

Duration of Engagement _____	Anticipated Cessation Date _____
Bidder/Offeror Contact Name _____	Contact Phone Number _____

and any attachments thereto to the best of my knowledge are true and complete. I attest that I am authorized to execute this certification on behalf of the above-referenced person or entity. I acknowledge that the State of New Jersey is relying on the information contained herein and thereby acknowledge that I am under a continuing obligation from the date of this certification through the completion of any contracts with the State to notify the State in writing of any changes to the answers of information contained herein. I acknowledge that I am aware that it is a criminal offense to make a false statement or misrepresentation in this certification, and if I do so, I recognize that I am subject to criminal prosecution under the law and that it will also constitute a material breach of my agreement(s) with the State of New Jersey and that the State at its option may declare any contract(s) resulting from this certification void and unenforceable.

Full Name (Print): Julie D'Orazio, PE Signature: *Julie D'Orazio*
Title: Senior Vice President Date: May 16, 2016

DISCLOSURE OF INVESTMENT ACTIVITIES IN IRAN

RFP No.: 16-006 Firm: Jacobs Engineering Group Inc.

PART 1: CERTIFICATION

BIDDERS MUST COMPLETE PART 1 BY CHECKING EITHER BOX.

FAILURE TO CHECK ONE OF THE BOXES WILL RENDER THE PROPOSAL
NON-RESPONSIVE.

Pursuant to Public Law 2012, c. 25, any person or entity that submits a bid or proposal or otherwise proposes to enter into or renew a contract must complete the certification below to attest, under penalty of perjury, that neither the person or entity, nor any of its parents, subsidiaries, or affiliates, is identified on the State of New Jersey, Department of Treasury's Chapter 25 list as a person or entity engaging in investment activities in Iran. The Chapter 25 list is found at the following Website:

<http://www.state.nj.us/treasury/purchase/pdf/Chapter25List.pdf>.

Bidders must review this list prior to completing the below certification. Failure to complete the certification will render a bidder's proposal non-responsive. If the Director finds a person or entity to be in violation of law, s/he shall take action as may be appropriate and provided by law, rule or contract, including but not limited to, imposing sanctions, seeking compliance, recovering damages, declaring the party in default and seeking debarment or suspension of the party

PLEASE CHECK THE APPROPRIATE BOX:

I certify, pursuant to Public Law 2012, c. 25, that neither the bidder listed above nor any of the bidder's parents, subsidiaries, or affiliates is listed on the N.J. Department of the Treasury's list of entities determined to be engaged in prohibited activities in Iran pursuant to P.L. 2012, c. 25 ("Chapter 25 List"). I further certify that I am the person listed above, or I am an officer or representative of the entity listed above and am authorized to make this certification on its behalf. I will skip Part 2 and sign and complete the Certification below.

OR

I am unable to certify as above because the bidder and/or one or more of its parents, subsidiaries, or affiliates is listed on the Department's Chapter 25 list. I will provide a detailed, accurate and precise description of the activities in Part 2 below and sign and complete the Certification below. Failure to provide such will result in the proposal being rendered as nonresponsive and appropriate penalties, fines and/or sanctions will be assessed as provided by law.

PART 2: PLEASE PROVIDE FURTHER INFORMATION RELATED TO INVESTMENT ACTIVITIES IN IRAN

You must provide a detailed, accurate and precise description of the activities of the bidding person/entity, or one of its parents, subsidiaries or affiliates, engaging in the investment activities in Iran outlined above by completing the boxes below.

PLEASE PROVIDE THOROUGH ANSWERS TO EACH QUESTION.
IF YOU NEED TO MAKE ADDITIONAL ENTRIES, PLEASE COPY AND COMPLETE THIS SHEET AND SUBMIT IT WITH YOUR BID.

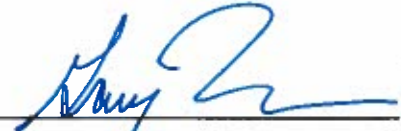
Name	<u>N/A</u>	Relationship to Bidder/Offeror	_____
Description of Activities	_____		
Duration of Engagement	_____	Anticipated Cessation Date	_____
Bidder/Offeror Contact Name	_____	Contact Phone Number	_____

Name	_____	Relationship to Bidder/Offeror	_____
Description of Activities	_____		
Duration of Engagement	_____	Anticipated Cessation Date	_____
Bidder/Offeror Contact Name	_____	Contact Phone Number	_____

Certification: I, being duly sworn upon my oath, hereby represent and state that the foregoing information and any attachments thereto to the best of my knowledge are true and complete. I attest that I am authorized to execute this certification on behalf of the above-referenced person or entity. I acknowledge that the State of New Jersey is relying on the information contained herein and thereby acknowledge that I am under a continuing obligation from the date of this certification through the completion of any contracts with the State to notify the State in writing of any changes to the answers of information contained herein. I acknowledge that I am aware that it is a criminal offense to make a false statement or misrepresentation in this certification, and if I do so, I recognize that I am subject to criminal prosecution under the law and that it will also constitute a material breach of my agreement(s) with the State of New Jersey and that the State at its option may declare any contract(s) resulting from this certification void and unenforceable.

Full Name (Print): Gary C. Morris

Signature: _____



Title: Vice President

Date: _____

May 9, 2016

EXHIBIT 12
DISCLOSURE OF INVESTMENT ACTIVITIES IN IRAN

RFP No.: 16 - 006 Proposer: JCMS, Inc.

PART 1: CERTIFICATION

BIDDERS MUST COMPLETE PART 1 BY CHECKING EITHER BOX.

FAILURE TO CHECK ONE OF THE BOXES WILL RENDER THE PROPOSAL
NON-RESPONSIVE.

Pursuant to Public Law 2012, c. 25, any person or entity that submits a bid or proposal or otherwise proposes to enter into or renew a contract must complete the certification below to attest, under penalty of perjury, that neither the person or entity, nor any of its parents, subsidiaries, or affiliates, is identified on the State of New Jersey, Department of Treasury's Chapter 25 list as a person or entity engaging in investment activities in Iran. The Chapter 25 list is found at the following Website:

<http://www.state.nj.us/treasury/purchase/pdf/Chapter25List.pdf>.

Bidders must review this list prior to completing the below certification. Failure to complete the certification will render a bidder's proposal non-responsive. If the Director finds a person or entity to be in violation of law, s/he shall take action as may be appropriate and provided by law, rule or contract, including but not limited to, imposing sanctions, seeking compliance, recovering damages, declaring the party in default and seeking debarment or suspension of the party

PLEASE CHECK THE APPROPRIATE BOX:

I certify, pursuant to Public Law 2012, c. 25, that neither the bidder listed above nor any of the bidder's parents, subsidiaries, or affiliates is listed on the N.J. Department of the Treasury's list of entities determined to be engaged in prohibited activities in Iran pursuant to P.L. 2012, c. 25 ("Chapter 25 List"). I further certify that I am the person listed above, or I am an officer or representative of the entity listed above and am authorized to make this certification on its behalf. I will skip Part 2 and sign and complete the Certification below.

OR

I am unable to certify as above because the bidder and/or one or more of its parents, subsidiaries, or affiliates is listed on the Department's Chapter 25 list. I will provide a detailed, accurate and precise description of the activities in Part 2 below and sign and complete the Certification below. Failure to provide such will result in the proposal being rendered as nonresponsive and appropriate penalties, fines and/or sanctions will be assessed as provided by law.

(Federal)
3/2015

PART 2: PLEASE PROVIDE FURTHER INFORMATION RELATED TO INVESTMENT ACTIVITIES IN IRAN

You must provide a detailed, accurate and precise description of the activities of the bidding person/entity, or one of its parents, subsidiaries or affiliates, engaging in the investment activities in Iran outlined above by completing the boxes below.

PLEASE PROVIDE THOROUGH ANSWERS TO EACH QUESTION.
IF YOU NEED TO MAKE ADDITIONAL ENTRIES, PLEASE COPY AND COMPLETE THIS SHEET AND SUBMIT IT WITH YOUR BID.

Name _____	Relationship to Bidder/Offeror _____
Description of Activities _____	

Duration of Engagement _____	Anticipated Cessation Date _____
Bidder/Offeror Contact Name _____	Contact Phone Number _____

Certification: I, being duly sworn upon my oath, hereby represent and state that the foregoing information _____ a

Name _____	Relationship to Bidder/Offeror _____
Description of Activities _____	

Duration of Engagement _____	Anticipated Cessation Date _____
Bidder/Offeror Contact Name _____	Contact Phone Number _____

and any attachments thereto to the best of my knowledge are true and complete. I attest that I am authorized to execute this certification on behalf of the above-referenced person or entity. I acknowledge that the State of New Jersey is relying on the information contained herein and thereby acknowledge that I am under a continuing obligation from the date of this certification through the completion of any contracts with the State to notify the State in writing of any changes to the answers of information contained herein. I acknowledge that I am aware that it is a criminal offense to make a false statement or misrepresentation in this certification, and if I do so, I recognize that I am subject to criminal prosecution under the law and that it will also constitute a material breach of my agreement(s) with the State of New Jersey and that the State at its option may declare any contract(s) resulting from this certification void and unenforceable.

Full Name (Print): Indira Jois Signature: _____
Title: Vice President Date: 05/02/2016

EXHIBIT 12
DISCLOSURE OF INVESTMENT ACTIVITIES IN IRAN

RFP No.: 16-006 Proposer: Naik Consulting Group, PC

PART 1: CERTIFICATION

BIDDERS MUST COMPLETE PART 1 BY CHECKING EITHER BOX.

**FAILURE TO CHECK ONE OF THE BOXES WILL RENDER THE PROPOSAL
NON-RESPONSIVE.**

Pursuant to Public Law 2012, c. 25, any person or entity that submits a bid or proposal or otherwise proposes to enter into or renew a contract must complete the certification below to attest, under penalty of perjury, that neither the person or entity, nor any of its parents, subsidiaries, or affiliates, is identified on the State of New Jersey, Department of Treasury's Chapter 25 list as a person or entity engaging in investment activities in Iran. The Chapter 25 list is found at the following Website:

<http://www.state.nj.us/treasury/purchase/pdf/Chapter25List.pdf>.

Bidders must review this list prior to completing the below certification. Failure to complete the certification will render a bidder's proposal non-responsive. If the Director finds a person or entity to be in violation of law, s/he shall take action as may be appropriate and provided by law, rule or contract, including but not limited to, imposing sanctions, seeking compliance, recovering damages, declaring the party in default and seeking debarment or suspension of the party

PLEASE CHECK THE APPROPRIATE BOX:

I certify, pursuant to Public Law 2012, c. 25, that neither the bidder listed above nor any of the bidder's parents, subsidiaries, or affiliates is listed on the N.J. Department of the Treasury's list of entities determined to be engaged in prohibited activities in Iran pursuant to P.L. 2012, c. 25 ("Chapter 25 List"). I further certify that I am the person listed above, or I am an officer or representative of the entity listed above and am authorized to make this certification on its behalf. I will skip Part 2 and sign and complete the Certification below.

OR

I am unable to certify as above because the bidder and/or one or more of its parents, subsidiaries, or affiliates is listed on the Department's Chapter 25 list. I will provide a detailed, accurate and precise description of the activities in Part 2 below and sign and complete the Certification below. Failure to provide such will result in the proposal being rendered as nonresponsive and appropriate penalties, fines and/or sanctions will be assessed as provided by law.

(Federal)
3/2015

PART 2: PLEASE PROVIDE FURTHER INFORMATION RELATED TO INVESTMENT ACTIVITIES IN IRAN

You must provide a detailed, accurate and precise description of the activities of the bidding person/entity, or one of its parents, subsidiaries or affiliates, engaging in the investment activities in Iran outlined above by completing the boxes below.

PLEASE PROVIDE THOROUGH ANSWERS TO EACH QUESTION.
IF YOU NEED TO MAKE ADDITIONAL ENTRIES, PLEASE COPY AND COMPLETE THIS SHEET AND SUBMIT IT WITH YOUR BID.

Name _____	Relationship to Bidder/Offeror _____
Description of Activities _____	

Duration of Engagement _____	Anticipated Cessation Date _____
Bidder/Offeror Contact Name _____	Contact Phone Number _____

Certification: I, being duly sworn upon my oath, hereby represent and state that the foregoing information _____ a

Name _____	Relationship to Bidder/Offeror _____
Description of Activities _____	

Duration of Engagement _____	Anticipated Cessation Date _____
Bidder/Offeror Contact Name _____	Contact Phone Number _____

and any attachments thereto to the best of my knowledge are true and complete. I attest that I am authorized to execute this certification on behalf of the above-referenced person or entity. I acknowledge that the State of New Jersey is relying on the information contained herein and thereby acknowledge that I am under a continuing obligation from the date of this certification through the completion of any contracts with the State to notify the State in writing of any changes to the answers of information contained herein. I acknowledge that I am aware that it is a criminal offense to make a false statement or misrepresentation in this certification, and if I do so, I recognize that I am subject to criminal prosecution under the law and that it will also constitute a material breach of my agreement(s) with the State of New Jersey and that the State at its option may declare any contract(s) resulting from this certification void and unenforceable.

Full Name (Print): Samir Mody Signature: 

Title: Senior Vice President Date: May 9, 2016

EXHIBIT 12
DISCLOSURE OF INVESTMENT ACTIVITIES IN IRAN

RFP No.: 16-006 Proposer: Sowinski Sullivan Architects, PC

PART 1: CERTIFICATION

BIDDERS MUST COMPLETE PART 1 BY CHECKING EITHER BOX.

**FAILURE TO CHECK ONE OF THE BOXES WILL RENDER THE PROPOSAL
NON-RESPONSIVE.**

Pursuant to Public Law 2012, c. 25, any person or entity that submits a bid or proposal or otherwise proposes to enter into or renew a contract must complete the certification below to attest, under penalty of perjury, that neither the person or entity, nor any of its parents, subsidiaries, or affiliates, is identified on the State of New Jersey, Department of Treasury's Chapter 25 list as a person or entity engaging in investment activities in Iran. The Chapter 25 list is found at the following Website:

<http://www.state.nj.us/treasury/purchase/pdf/Chapter25List.pdf>.

Bidders must review this list prior to completing the below certification. Failure to complete the certification will render a bidder's proposal non-responsive. If the Director finds a person or entity to be in violation of law, s/he shall take action as may be appropriate and provided by law, rule or contract, including but not limited to, imposing sanctions, seeking compliance, recovering damages, declaring the party in default and seeking debarment or suspension of the party

PLEASE CHECK THE APPROPRIATE BOX:

I certify, pursuant to Public Law 2012, c. 25, that neither the bidder listed above nor any of the bidder's parents, subsidiaries, or affiliates is listed on the N.J. Department of the Treasury's list of entities determined to be engaged in prohibited activities in Iran pursuant to P.L. 2012, c. 25 ("Chapter 25 List"). I further certify that I am the person listed above, or I am an officer or representative of the entity listed above and am authorized to make this certification on its behalf. I will skip Part 2 and sign and complete the Certification below.

OR

I am unable to certify as above because the bidder and/or one or more of its parents, subsidiaries, or affiliates is listed on the Department's Chapter 25 list. I will provide a detailed, accurate and precise description of the activities in Part 2 below and sign and complete the Certification below. Failure to provide such will result in the proposal being rendered as nonresponsive and appropriate penalties, fines and/or sanctions will be assessed as provided by law.

PART 2: PLEASE PROVIDE FURTHER INFORMATION RELATED TO INVESTMENT ACTIVITIES IN IRAN

You must provide a detailed, accurate and precise description of the activities of the bidding person/entity, or one of its parents, subsidiaries or affiliates, engaging in the investment activities in Iran outlined above by completing the boxes below.

**PLEASE PROVIDE THOROUGH ANSWERS TO EACH QUESTION.
IF YOU NEED TO MAKE ADDITIONAL ENTRIES, PLEASE COPY AND COMPLETE THIS SHEET AND SUBMIT IT WITH YOUR BID.**

Name	_____ N/A _____	Relationship to Bidder/Offeror	_____
Description of Activities	_____		
Duration of Engagement	_____	Anticipated Cessation Date	_____
Bidder/Offeror Contact Name	_____	Contact Phone Number	_____

Certification: I, being duly sworn upon my oath, hereby represent and state that the foregoing information _____ a

Name	_____ N/A _____	Relationship to Bidder/Offeror	_____
Description of Activities	_____		
Duration of Engagement	_____	Anticipated Cessation Date	_____
Bidder/Offeror Contact Name	_____	Contact Phone Number	_____

and any attachments thereto to the best of my knowledge are true and complete. I attest that I am authorized to execute this certification on behalf of the above-referenced person or entity. I acknowledge that the State of New Jersey is relying on the information contained herein and thereby acknowledge that I am under a continuing obligation from the date of this certification through the completion of any contracts with the State to notify the State in writing of any changes to the answers of information contained herein. I acknowledge that I am aware that it is a criminal offense to make a false statement or misrepresentation in this certification, and if I do so, I recognize that I am subject to criminal prosecution under the law and that it will also constitute a material breach of my agreement(s) with the State of New Jersey and that the State at its option may declare any contract(s) resulting from this certification void and unenforceable.

Full Name (Print): Suzanne Sowinski, AIA, LEED-AP, GGP Signature: _____
Title: President Date: 05/12/2016

EXHIBIT 12
DISCLOSURE OF INVESTMENT ACTIVITIES IN IRAN

RFP No.: 16-006 Proposer: YU & Associates, Inc.

PART 1: CERTIFICATION

BIDDERS MUST COMPLETE PART 1 BY CHECKING EITHER BOX.

**FAILURE TO CHECK ONE OF THE BOXES WILL RENDER THE PROPOSAL
NON-RESPONSIVE.**

Pursuant to Public Law 2012, c. 25, any person or entity that submits a bid or proposal or otherwise proposes to enter into or renew a contract must complete the certification below to attest, under penalty of perjury, that neither the person or entity, nor any of its parents, subsidiaries, or affiliates, is identified on the State of New Jersey, Department of Treasury's Chapter 25 list as a person or entity engaging in investment activities in Iran. The Chapter 25 list is found at the following Website:

<http://www.state.nj.us/treasury/purchase/pdf/Chapter25List.pdf>.

Bidders must review this list prior to completing the below certification. Failure to complete the certification will render a bidder's proposal non-responsive. If the Director finds a person or entity to be in violation of law, s/he shall take action as may be appropriate and provided by law, rule or contract, including but not limited to, imposing sanctions, seeking compliance, recovering damages, declaring the party in default and seeking debarment or suspension of the party

PLEASE CHECK THE APPROPRIATE BOX:

I certify, pursuant to Public Law 2012, c. 25, that neither the bidder listed above nor any of the bidder's parents, subsidiaries, or affiliates is listed on the N.J. Department of the Treasury's list of entities determined to be engaged in prohibited activities in Iran pursuant to P.L. 2012, c. 25 ("Chapter 25 List"). I further certify that I am the person listed above, or I am an officer or representative of the entity listed above and am authorized to make this certification on its behalf. I will skip Part 2 and sign and complete the Certification below.

OR

I am unable to certify as above because the bidder and/or one or more of its parents, subsidiaries, or affiliates is listed on the Department's Chapter 25 list. I will provide a detailed, accurate and precise description of the activities in Part 2 below and sign and complete the Certification below. Failure to provide such will result in the proposal being rendered as nonresponsive and appropriate penalties, fines and/or sanctions will be assessed as provided by law.

PART 2: PLEASE PROVIDE FURTHER INFORMATION RELATED TO INVESTMENT ACTIVITIES IN IRAN

You must provide a detailed, accurate and precise description of the activities of the bidding person/entity, or one of its parents, subsidiaries or affiliates, engaging in the investment activities in Iran outlined above by completing the boxes below.

PLEASE PROVIDE THOROUGH ANSWERS TO EACH QUESTION.
IF YOU NEED TO MAKE ADDITIONAL ENTRIES, PLEASE COPY AND COMPLETE THIS SHEET AND SUBMIT IT WITH YOUR BID.

Name _____	Relationship to Bidder/Offeror _____
Description of Activities _____	

Duration of Engagement _____	Anticipated Cessation Date _____
Bidder/Offeror Contact Name _____	Contact Phone Number _____

Certification: I, being duly sworn upon my oath, hereby represent and state that the foregoing information a

Name _____	Relationship to Bidder/Offeror _____
Description of Activities _____	

Duration of Engagement _____	Anticipated Cessation Date _____
Bidder/Offeror Contact Name _____	Contact Phone Number _____

and any attachments thereto to the best of my knowledge are true and complete. I attest that I am authorized to execute this certification on behalf of the above-referenced person or entity. I acknowledge that the State of New Jersey is relying on the information contained herein and thereby acknowledge that I am under a continuing obligation from the date of this certification through the completion of any contracts with the State to notify the State in writing of any changes to the answers of information contained herein. I acknowledge that I am aware that it is a criminal offense to make a false statement or misrepresentation in this certification, and if I do so, I recognize that I am subject to criminal prosecution under the law and that it will also constitute a material breach of my agreement(s) with the State of New Jersey and that the State at its option may declare any contract(s) resulting from this certification void and unenforceable.

Full Name (Print): K. Peter Yu Signature: 
Title: Principal Date: 05/02/2016

Public Law 2005

**PUBLIC LAW 2005
CHAPTER 271**

**Vendor Certification and
Political Contribution
Disclosure Form**

Contract Reference: RFP 16-006 **Vendor:** AECOM Technical Services, Inc.

At least ten (10) days prior to entering into the above-referenced contract, the Vendor must complete this Certification and Disclosure Form, in accordance with the directions below and submit it to the State contact for such contract.

Please note that the disclosure requirements under Public Law 2005, Chapter 271 are separate and different from the disclosure requirements under Public Law 2005, Chapter 51 (formerly Executive Order 134). Although no vendor will be precluded from entering into a contract by any information submitted on this form, a vendor's failure to fully, accurately and truthfully complete this form and submit it to the appropriate State agency may result in the imposition of fines by the New Jersey Election Law Enforcement Commission.

Disclosure

Following is the required Vendor disclosure of all Reportable Contributions made in the twelve (12) months prior to and including the date of signing of this Certification and Disclosure to: (i) any State, county, or municipal committee of a political party, legislative leadership committee, candidate committee of a candidate for, or holder of, a State elective office, or (ii) any entity that is also defined as a "continuing political committee" under N.J.S.A. 19:44A-3(n) and N.J.A.C. 19:25-1.

The Vendor is required to disclose Reportable Contributions by: the Vendor itself; all persons or other business entities owning or controlling more than 10% of the profits of the Vendor or more than 10% of the stock of the Vendor, if the Vendor is a corporation for profit; a spouse or child living with a natural person that is a Vendor; all of the principals, partners, officers or directors of the Vendor and all of their spouses; any subsidiaries directly or indirectly controlled by the Vendor; and any political organization organized under section 527 of the Internal Revenue Code that is directly or indirectly controlled by the Vendor, other than a candidate committee, election fund, or political party committee.

"Reportable Contributions" are those contributions that are required to be reported by the recipient under the "New Jersey Campaign Contributions and Expenditures Reporting Act," P.L. 1973, c.83 (C.19:44A-1 et seq.), and implementing regulations set forth at N.J.A.C. 19:25-10.1 et seq. As of January 1, 2005, contributions in excess of \$300 during a reporting period are deemed "reportable."

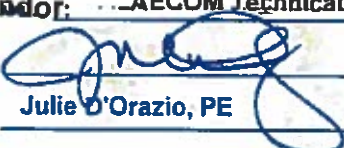
**PUBLIC LAW 2005
CHAPTER 271**

Vendor: AECOM Technical Services, Inc.

Name and Address of Committee to Which Contribution Was Made	Date of Contribution	Amount of Contribution	Contributor's Name
Indicate "none" if no Reportable Contributions were made. Attach Additional Pages As Needed			
#1 None			

Certification:

I certify as an officer or authorized representative of the Vendor that, to the best of my knowledge and belief, the foregoing statements by me are true. I am aware that if any of the statements are willfully false, I am subject to punishment.

#2 Name of Vendor: AECOM Technical Services, Inc.
Signed: 
Print Name: Julie D'Orazio, PE
Title: Senior Vice President
Date: May 16, 2016

**PUBLIC LAW 2005
CHAPTER 271**

**Vendor Certification and
Political Contribution
Disclosure Form**

Contract Reference: 16-006 **Vendor:** Jacobs Engineering Group Inc.

At least ten (10) days prior to entering into the above-referenced contract, the Vendor must complete this Certification and Disclosure Form, in accordance with the directions below and submit it to the State contact for such contract.

Please note that the disclosure requirements under Public Law 2005, Chapter 271 are separate and different from the disclosure requirements under Public Law 2005, Chapter 51 (formerly Executive Order 134). Although no vendor will be precluded from entering into a contract by any information submitted on this form, a vendor's failure to fully, accurately and truthfully complete this form and submit it to the appropriate State agency may result in the imposition of fines by the New Jersey Election Law Enforcement Commission.

Disclosure

Following is the required Vendor disclosure of all Reportable Contributions made in the twelve (12) months prior to and including the date of signing of this Certification and Disclosure to: (i) any State, county, or municipal committee of a political party, legislative leadership committee, candidate committee of a candidate for, or holder of, a State elective office, or (ii) any entity that is also defined as a "continuing political committee" under N.J.S.A. 19:44A-3(n) and N.J.A.C. 19:25-1.

The Vendor is required to disclose Reportable Contributions by: the Vendor itself; all persons or other business entities owning or controlling more than 10% of the profits of the Vendor or more than 10% of the stock of the Vendor, if the Vendor is a corporation for profit; a spouse or child living with a natural person that is a Vendor; all of the principals, partners, officers or directors of the Vendor and all of their spouses; any subsidiaries directly or indirectly controlled by the Vendor; and any political organization organized under section 527 of the Internal Revenue Code that is directly or indirectly controlled by the Vendor, other than a candidate committee, election fund, or political party committee.

"Reportable Contributions" are those contributions that are required to be reported by the recipient under the "New Jersey Campaign Contributions and Expenditures Reporting Act," P.L. 1973, c.83 (C.19:44A-1 et seq.), and implementing regulations set forth at N.J.A.C. 19:25-10.1 et seq. As of January 1, 2005, contributions in excess of \$300 during a reporting period are deemed "reportable."

**PUBLIC LAW 2005
CHAPTER 271**

Vendor: Jacobs Engineering Group Inc.

Name and Address of Committee to Which Contribution Was Made	Date of Contribution	Amount of Contribution	Contributor's Name
--	----------------------	------------------------	--------------------

Indicate "none" if no Reportable Contributions were made. Attach Additional Pages As Needed

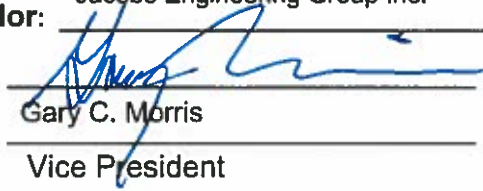
#1

NONE			

Certification:

I certify as an officer or authorized representative of the Vendor that, to the best of my knowledge and belief, the foregoing statements by me are true. I am aware that if any of the statements are willfully false, I am subject to punishment.

#2

Name of Vendor: Jacobs Engineering Group Inc.
Signed: 
Print Name: Gary C. Morris
Title: Vice President
Date: May 9, 2016

**NJ TRANSIT AGREEMENT NO. 16-006
LONG SLIP FILL AND RAIL ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING & CONSTRUCTION
ASSISTANCE SERVICES**

CERTIFICATE OF INSURANCE



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
09/20/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Marsh Risk & Insurance Services CA License #0437153 777 South Figueroa Street Los Angeles, CA 90017 Attn: LosAngeles.CertRequest@Marsh.Com		CONTACT NAME: PHONE (A/C, No, Ext): E-MAIL: ADDRESS:	
06510 -STND-GAUE-17-18		09 2020	
INSURED AECOM 605 Third Avenue New York, NY 10158		INSURER(S) AFFORDING COVERAGE	
		INSURER A : Zurich American Insurance Company	
		INSURER B : N/A	
		INSURER C : Illinois Union Insurance Co	
		INSURER D : SEE ACORD 101	
		INSURER E :	
		INSURER F :	

COVERAGES **CERTIFICATE NUMBER:** LOS-002355977-01 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER			GLO 5965891 09	04/01/2017	04/01/2018	EACH OCCURRENCE	\$ 5,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 5,000,000
							MED EXP (Any one person)	\$ 5,000
							PERSONAL & ADV INJURY	\$ 5,000,000
							GENERAL AGGREGATE	\$ 5,000,000
							PRODUCTS - COMP/OP AGG	\$ 5,000,000
								\$
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED <input type="checkbox"/> AUTOS ONLY			BAP 5965893 09	04/01/2017	04/01/2018	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000
							BODILY INJURY (Per person)	\$
							BODILY INJURY (Per accident)	\$
							PROPERTY DAMAGE (Per accident)	\$
								\$
	<input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> OCCUR						EACH OCCURRENCE	\$
	<input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE						AGGREGATE	\$
	<input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$							\$
D	<input type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY <input type="checkbox"/> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory In NH) If yes, describe under DESCRIPTION OF OPERATIONS below			SEE ACORD 101	01/01/2017	01/01/2018	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER	
							E L EACH ACCIDENT	\$ 1,000,000
							E L DISEASE - EA EMPLOYEE	\$ 1,000,000
							E L DISEASE - POLICY LIMIT	\$ 1,000,000
C	<input type="checkbox"/> ARCHITECTS & ENG <input type="checkbox"/> PROFESSIONAL LIAB			EON G21654693 "CLAIMS MADE"	04/01/2017	04/01/2018	Per Claim/Agg Defense Included	5,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Re: Contract No. 16-0188 Task Order Contracts Program - Corridor Planning
NJ Transit and State of New Jersey are named as additional insured for GL & AL coverages, but only as respects work performed by or on behalf of the named insured and where required by written contract.

CERTIFICATE HOLDER **CANCELLATION**

CERTIFICATE HOLDER NJ Transit One Penn Plaza East Newark, NJ 07105	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE of Marsh Risk & Insurance Services James L. Vogel
--	--

© 1988-2016 ACORD CORPORATION. All rights reserved.



ADDITIONAL REMARKS SCHEDULE

AGENCY Marsh Risk & Insurance Services		NAMED INSURED AECOM 605 Third Avenue New York, NY 10158	
POLICY NUMBER		EFFECTIVE DATE:	
CARRIER	NAIC CODE		

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
 FORM NUMBER: 25 FORM TITLE: Certificate of Liability Insurance

Workers Compensation/Employer Liability cont.

Policy Number	Insurer	States Covered
0910715	The Insurance Company of the State of Pennsylvania - NAIC #19429	OH, Ohio Qualified Self Insured (QSI)
014629409	The Insurance Company of the State of Pennsylvania - NAIC #19429	FL
014629410	The Insurance Company of the State of Pennsylvania - NAIC #19429	ME
014629408	The Insurance Company of the State of Pennsylvania - NAIC #19429	MA, ND, OH, WA, WI, WY
014629406	American Home Assurance Company - NAIC #19380	CA
014629407	The Insurance Company of the State of Pennsylvania - NAIC #19429	AK, AL, AR, AZ, CO, CT, DC, DE, GA, HI, IA, ID, IL, IN, KS KY, LA, MD, MI, MN, MO, MS, MT, NC, NE, NH, NJ, NM, NV, NY, OK, OR, PA, RI, SC, SD, TN, TX, UT, VA, VT, WV

Contractors Pollution Liability, Carrier: AIG Specialty Insurance Company, NAIC #26883, Policy #: CPL 1814870, Policy Term: 04/01/2017 - 04/01/2018, "Claims Made" Defense Included, Limit: \$2,000,000



CONNTRA-01

ALYSONSTRUCK

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
9/20/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER NFP Property & Casualty Services, Inc. 45 Executive Drive Plainview, NY 11803	CONTACT NAME: PHONE (A/C, No, Ext): (516) 327-2700 E-MAIL ADDRESS: FAX (A/C, No):	INSURER(S) AFFORDING COVERAGE INSURER A : Hartford Underwriters Insurance Company INSURER B : Twin City Fire Insurance Co INSURER C : INSURER D : INSURER E : INSURER F :	NAIC # 30104 29459
	INSURED Connetics Transportation Group, Inc. 570 Colonial Park Drive, Suite 302 Roswell, GA 30075		

COVERAGES	CERTIFICATE NUMBER:	REVISION NUMBER:
------------------	----------------------------	-------------------------

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD. WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A X	COMMERCIAL GENERAL LIABILITY CLAIMS-MADE X OCCUR	X X	12SBARK6511	07/19/2017	07/19/2018	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
A	AUTOMOBILE LIABILITY ANY AUTO OWNED AUTOS ONLY X HIRED AUTOS ONLY	X X	12SBARK6511	07/19/2017	07/19/2018	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
A X	UMBRELLA LIAB X OCCUR EXCESS LIAB CLAIMS-MADE X	X X	12SBARK6511	07/19/2017	07/19/2018	EACH OCCURRENCE \$ 2,000,000 AGGREGATE \$ 2,000,000
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory In NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N N/A	X 12WECPQ2074	07/19/2017	07/19/2018	X PER STATUTE OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 RFP No. 16-018 TOC Corridor Planning
 AECOM, NJ Transit and the State of NJ are included as an Additional Insured ATIMA as required by written contract. Primary Non-Contributory and Waiver of Subrogation applies subject to policy terms and conditions.

CERTIFICATE HOLDER AECOM 1 Penn Plaza, Suite 600 New York, NY 10119	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
---	--



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
9/27/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Insureon (BIN Insurance Holdings LLC.) 1101 Central Expy. South, Suite 250 Allen, TX 75013	CONTACT NAME: PHONE (A/C, No., Ext): 800-688-1984 FAX (A/C, No.): E-MAIL ADDRESS: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center;">INSURER(S) AFFORDING COVERAGE</th> <th style="text-align: center;">NAIC #</th> </tr> <tr> <td>INSURER A:</td> <td>Hiscox</td> <td style="text-align: center;">10200</td> </tr> <tr> <td>INSURER B:</td> <td>The Hartford</td> <td style="text-align: center;">30104</td> </tr> <tr> <td>INSURER C:</td> <td>The Hartford</td> <td style="text-align: center;">30104</td> </tr> <tr> <td>INSURER D:</td> <td></td> <td></td> </tr> <tr> <td>INSURER E:</td> <td></td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> <td></td> </tr> </table>	INSURER(S) AFFORDING COVERAGE		NAIC #	INSURER A:	Hiscox	10200	INSURER B:	The Hartford	30104	INSURER C:	The Hartford	30104	INSURER D:			INSURER E:			INSURER F:		
INSURER(S) AFFORDING COVERAGE		NAIC #																				
INSURER A:	Hiscox	10200																				
INSURER B:	The Hartford	30104																				
INSURER C:	The Hartford	30104																				
INSURER D:																						
INSURER E:																						
INSURER F:																						
INSURED InGroup Networking Inc DBA InGroup Inc 340 W PASSAIC ST 1st floor Midland Park, NJ 07432																						

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD	WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
B	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			46 SBM VV8819	9/21/2017	9/21/2018	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 4,000,000 PRODUCTS - COMP/OP AGG \$ 4,000,000 \$
B	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS			46 SBM VV8819	9/21/2017	9/21/2018	COMBINED SINGLE LIMIT (Ea accident) \$ 2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	<input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N Y	N/A	76 WBG AA6MDH	10/01/2017	10/01/2018	<input type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
A	Professional Liability (Errors and Omissions)			UDC-2067842-EO-17	9/21/2017	9/21/2018	\$1,000,000 / \$1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

AECOM, NJ Transit and the State of NJ are additionally insured in regard to Corridor Planning

CERTIFICATE HOLDER AECOM Corridor Planning 1 Penn Plaza, Suite 600 New York, NY, 10119	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
--	--



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

9/22/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).


PRODUCER Fenner & Esler 467 Kinderkamack Road P. O. Box 60 Oradell NJ 07649-0060		CONTACT NAME: certs@fenner-esler.com PHONE (A/C, No, Ext): (201)262-1200 E-MAIL ADDRESS: FAX (A/C, No): (201)262-7810															
INSURED Malick & Scherer, P.C. Perryville III Corporate Center 53 Frontage Road, Suite 260 Hampton NJ 08827		INSURER(S) AFFORDING COVERAGE <table border="1"> <tr> <th>INSURER</th> <th>NAIC #</th> </tr> <tr> <td>INSURER A: The Travelers Indemnity Co.</td> <td>25658</td> </tr> <tr> <td>INSURER B: Selective Insurance Co. of NE</td> <td>11867</td> </tr> <tr> <td>INSURER C: Travelers Indem Co/Connecticut</td> <td>25682</td> </tr> <tr> <td>INSURER D: XL Specialty Insurance Company</td> <td>37885-</td> </tr> <tr> <td>INSURER E:</td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> </tr> </table>		INSURER	NAIC #	INSURER A: The Travelers Indemnity Co.	25658	INSURER B: Selective Insurance Co. of NE	11867	INSURER C: Travelers Indem Co/Connecticut	25682	INSURER D: XL Specialty Insurance Company	37885-	INSURER E:		INSURER F:	
INSURER	NAIC #																
INSURER A: The Travelers Indemnity Co.	25658																
INSURER B: Selective Insurance Co. of NE	11867																
INSURER C: Travelers Indem Co/Connecticut	25682																
INSURER D: XL Specialty Insurance Company	37885-																
INSURER E:																	
INSURER F:																	

COVERAGES **CERTIFICATE NUMBER:** Master 17-18 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Includes contractual & XCU coverage per GEN'L AGGREGATE LIMIT APPLIES PER POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER	<input checked="" type="checkbox"/>	680-2J243143-17-47 policy terms & conditions INCLUDES WORK WITHIN 50' OF RAILROAD	6/20/2017	6/20/2018	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 2,000,000 MED EXP (Any one person) \$ 1,000,000 PERSONAL & ADV INJURY \$ 10,000 GENERAL AGGREGATE \$ 1,000,000 PRODUCTS - COMPIOP AGG \$ 4,000,000 VALUABLE PAPERS \$ 400,000
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS		S2283524	6/20/2017	6/20/2018	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000		"Follows Form" CUP-3H348060-17-47	6/20/2017	6/20/2018	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 \$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N N/A	UB-3H344872-17-47-G	6/20/2017	6/20/2018	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER EL EACH ACCIDENT \$ 1,000,000 EL DISEASE - EA EMPLOYEE \$ 1,000,000 EL DISEASE - POLICY LIMIT \$ 1,000,000
D	PROFESSIONAL & POLLUTION LIABILITY		DPR 9915175 Retro Date: 1/01/1998	6/20/2017	6/20/2018	Per Claim Limit \$2,000,000 Aggregate Limit \$4,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
RE: NJ TRANSIT Contract No. 16-018B
Task Order Contracts Program - Corridor Planning.
Additional Insured - AECOM and New Jersey Transit Corporation as respects general liability where required by written contract.

CERTIFICATE HOLDER		CANCELLATION	
AECOM 1 Penn Plaza, Suite 600 New York, NY, 10119		SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.	
		AUTHORIZED REPRESENTATIVE Timothy Esler/KATHY 	

© 1988-2014 ACORD CORPORATION. All rights reserved.



TEHCOR-01

JKEATING

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

09/19/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER T.E. Freuler Agency Inc. 13 Clyde Road Suite 202 Somerset, NJ 08873	CONTACT NAME: PHONE (A/C, No, Ext): (732) 246-1330 E-MAIL ADDRESS: tefreuler@tefreuler.com FAX (A/C, No): (732) 246-3715														
INSURED Techniquet Corporation Haseeb Ahson 4105 US Highway 1 Ste 10 Monmouth Junction, NJ 08852-2157	INSURER(S) AFFORDING COVERAGE <table border="1"> <thead> <tr> <th>INSURER</th> <th>NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A : Liberty Mutual</td> <td>14486</td> </tr> <tr> <td>INSURER B : Progressive (SEE DRI)</td> <td>11410</td> </tr> <tr> <td>INSURER C : Ohio Security Insurance</td> <td>24082</td> </tr> <tr> <td>INSURER D : Lloyds of London</td> <td>085202</td> </tr> <tr> <td>INSURER E :</td> <td></td> </tr> <tr> <td>INSURER F :</td> <td></td> </tr> </tbody> </table>	INSURER	NAIC #	INSURER A : Liberty Mutual	14486	INSURER B : Progressive (SEE DRI)	11410	INSURER C : Ohio Security Insurance	24082	INSURER D : Lloyds of London	085202	INSURER E :		INSURER F :	
INSURER	NAIC #														
INSURER A : Liberty Mutual	14486														
INSURER B : Progressive (SEE DRI)	11410														
INSURER C : Ohio Security Insurance	24082														
INSURER D : Lloyds of London	085202														
INSURER E :															
INSURER F :															

COVERAGES	CERTIFICATE NUMBER:	REVISION NUMBER:
------------------	----------------------------	-------------------------

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WYD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE X OCCUR		BZS56904924	10/07/2016	10/07/2017	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 4,000,000 PRODUCTS - COMP/OP AGG \$ 4,000,000
B	AUTOMOBILE LIABILITY ANY AUTO OWNED AUTOS ONLY X SCHEDULED AUTOS X HIRED AUTOS ONLY NON-OWNED AUTOS ONLY		02985447-1	04/25/2017	04/25/2018	COMBINED SINGLE LIMIT (Ea accident) \$ 2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
A	X UMBRELLA LIAB X OCCUR EXCESS LIAB CLAIMS-MADE DED X RETENTION \$ 10,000		USO(17)56904924	10/07/2016	10/07/2017	EACH OCCURRENCE \$ 4,000,000 AGGREGATE \$ 4,000,000
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NJ) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N/A	XWS56904924	10/07/2016	10/07/2017	X PER STATUTE OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
D	Professional Liabili		ANE201790817	08/18/2017	08/18/2018	2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
AECOM/New Jersey Transit and the State of New Jersey is added as an additional insured to the general liability policy.

CERTIFICATE HOLDER AECOM One Penn Plaza Suite 600 New York, NY 10119-0698	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
---	--



2SOW625

OP ID: JB

CERTIFICATE OF LIABILITY INSURANCE

 DATE (MM/DD/YYYY)
 10/03/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER RICHARDS & SUMMERS, INC. 76 Broadway, P.O. Box 68 Denville, NJ 07834	973-627-0100	CONTACT NAME: Jessica Blake, CLCS PHONE (A/C, No, Ext): 973-627-0100 E-MAIL ADDRESS: JessicaBlake@RichSum.com FAX (A/C, No):														
INSURED Sowinski, Sullivan Architects P.C. 25 Mohawk Avenue Sparta, NJ 07871		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">INSURER(S) AFFORDING COVERAGE</th> <th style="text-align: left;">NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A: Hartford Fire Insurance Co.</td> <td>19682</td> </tr> <tr> <td>INSURER B: Twin City Fire Ins. Co.</td> <td>29459</td> </tr> <tr> <td>INSURER C: Sentinel Insurance Company Ltd</td> <td>11000</td> </tr> <tr> <td>INSURER D: ADMIRAL INSURANCE CO.</td> <td>24856</td> </tr> <tr> <td>INSURER E:</td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> </tr> </tbody> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: Hartford Fire Insurance Co.	19682	INSURER B: Twin City Fire Ins. Co.	29459	INSURER C: Sentinel Insurance Company Ltd	11000	INSURER D: ADMIRAL INSURANCE CO.	24856	INSURER E:		INSURER F:	
INSURER(S) AFFORDING COVERAGE	NAIC #															
INSURER A: Hartford Fire Insurance Co.	19682															
INSURER B: Twin City Fire Ins. Co.	29459															
INSURER C: Sentinel Insurance Company Ltd	11000															
INSURER D: ADMIRAL INSURANCE CO.	24856															
INSURER E:																
INSURER F:																

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	X		13SBATQ3811	03/12/2017	03/12/2018	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
C	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY			13UECZK0183	03/12/2017	03/12/2018	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$			13SBATQ3811	03/12/2017	03/12/2018	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000 Retention \$ 10,000
B	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	13WBCBZ2182	03/12/2017	03/12/2018	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
D	Professional Liab.			EO000036003-01	12/14/2016	03/12/2018	Per Claim 5,000,000 Aggregate 5,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Re: Project at 16-006 long Slip Fill & Rail Enhancement Project. AECOM, NJ Transit and the State of New Jersey are included as an additional insured with respects to work being done by insured and and if required by written contract for General Liability. See attached.

CERTIFICATE HOLDER NJ Transit One Penn Plaza East Newark, NJ 07105	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
--	--

NOTEPADINSURED'S NAME **Sowinski, Sullivan Architects****2SOW625
OP ID: JB**PAGE 2
Date **10/03/2017****(D) Professional Liability Coverage Continued:****Deductible:****\$50,000 Per Claim (Including Claim Expenses)
\$150,000 Aggregate****Professional Liability Retroactive Date: 01/01/1996****Professional Liability Retroactive Date: 12/14/2016 (\$3,000,000/\$3,000,000
Excess of \$2,000,000/\$2,000,000)******Pollution Liability Coverage is included in the Professional Liability
Limit.****(A) Valuable Papers and Records****Policy#13SBATQ3811****Effective 03/12/2017 - 03/12/2018****Limit: \$500,000****Deductible: \$500*******Workers Compensation Carriers BY State*********NY: Twin City Fire Insurance Company
NAIC Number: 29459****PA: Twin City Fire Insurance Company
NAIC Number:29459****NJ: Hartford Insurance Company of The Midwest
NAIC Number:37478****General Liability, Umbrella Liability and Valuable Papers coverage
includes 30 Days Notice of Cancellation, except 10 days notice for
nonpayment of premium to Certificate Holder per form SS1223 06/11 (Notice
of Cancellation to Certificate Holder).****Auto Liability coverage includes 30 Days Notice of Cancellation, except 10
days notice for nonpayment of premium to Certificate Holder per form
IH0313 06/11 (Notice of Cancellation to Certificate Holder).****Workers Compensation coverage includes 30 Days Notice of Cancellation,
except 10 days notice for nonpayment of premium to Certificate Holder per
form WC990394 (Notice of Cancellation to Certificate Holders).**

NOTEPAD

INSURED'S NAME **Sowinski, Sullivan Architects**

2SOW625
OP ID: JB

PAGE 3
Date **10/03/2017**

Umbrella follows form for General Liability, Automobile & Employers Liability.

NOTEPAD:

HOLDER CODE
INSURED'S NAME **Sowinski, Sullivan Architects**

2SOW625
OP ID: JB

PAGE 4
Date **10/03/2017**

AECOM, NJ Transit and the State of New Jersey are included as an additional insured with respects to work being done by insured and if required by written contract for General Liability per form SS0008 04/05 (BUSINESS LIABILITY COVERAGE FORM).

CERTIFICATE OF EMPLOYEE INFORMATION REPORT

Certification 3838

RENEWAL

This is to certify that the contractor listed herein has submitted an Employee Information Report pursuant to N.J.A.C. 17:27-1.1 et. seq. and the State Treasurer has approved said report. This approval will remain in effect for the period of

15-JUL-2015 to 15-JUL-2018

AECOM TECHNICAL SERVICES, INC.
4840 COX ROAD
GLEN ALLEN VA 23068

Robert A. Romano

Robert A. Romano,
Acting State Treasurer



**NJ TRANSIT AGREEMENT NO. 16-006
LONG SLIP FILL AND RAIL ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING & CONSTRUCTION
ASSISTANCE SERVICES**

ADDENDA(S)

April 20, 2016

ADDENDUM NO. 1

**Re: NJ TRANSIT Request for Proposal (RFP) No. 16-006
Long Slip Fill and Rail Enhancement Project
Rail, Track and Station Engineering & Construction Assistance Services**

To Whom It May Concern:

Proposers are hereby advised of the following additions and/or clarifications to the above referenced project:

I. GENERAL PROJECT INFORMATION

1. RFP Title Correction

The correct title for RFP No. 16-006 is "Long Slip Fill and Rail Enhancement Project". Firms are requested to use the correct title on all requests for information and document submittals related to RFP No. 16-006.

2. RFP Section V – Proposal Requirements

Replace the 4th paragraph of Section V on page 46 with the following:

Proposals shall be considered valid for the period of time it takes to negotiate an agreement and execute a contract with the successful firm. Said period of time is not expected to exceed six (6) months from the date of proposal receipt. A duly authorized official of the firm or joint venture must sign such proposals.

3. Pre-Proposal Conference

The sign-in sheets and business cards received from the Pre-Proposal Conference held on Tuesday, April 19, 2016, are attached. (Attachment A)

4. Pre-Proposal Conference Agenda

The Agenda from the Pre-Proposal Conference held on Tuesday, April 19, 2016 is attached. (Attachment B)

5. Presentation Figures

The Presentation Figures from the Pre-Proposal Conference held on Tuesday, April 19, 2016 are attached. (Attachment C)

II. QUESTIONS

The firm shall examine carefully the Proposal package and conditions affecting the work. By submitting a proposal, the firm acknowledges that it has carefully examined the proposal package and satisfied itself as to the conditions affecting the work. NJ TRANSIT assumes no responsibility for any conclusions or interpretations made by the firm on the basis of the information made available by NJ TRANSIT.

To be given consideration, all such inquiries must adhere to the following:

- a. Be received in writing no later than 4:00 pm, Tuesday, April 26, 2016.
- b. Reference contract name and number, section and page number
- c. Requests for information may be faxed to (973) 232-4829 or emailed in a non-scanned electronic format to Taishida Chapman at tchapman@njtransit.com.

Any response that NJ TRANSIT may choose to make will be by a written Addendum to the RFP and sent to all listed holders of the Proposal Package. NJ TRANSIT will respond to all questions that it received in next the Addendum.

FOR PROSPECTIVE PROPOSERS ONLY

Firms are required to acknowledge receipt of all addenda by signing the "Acknowledgement of Receipt of Addenda" form. This form (Exhibit 5) shall be included as part of the proposal. Failure to acknowledge receipt of all addenda may render proposals nonresponsive.

Sincerely,



Taishida S. Chapman
Principal Contract Specialist

**NJ TRANSIT RFP No. 16-006
Addendum No. 1**

Attachment B

Pre-Proposal Conference Sign-In Sheet and Business Cards

LONG SLIP FILL & RAIL ENHANCEMENT PROJECT
(RAIL, TRACK AND STATION ENGINEERING & CONSTRUCTION ASSISTANCE SERVICES)

PRE-PROPOSAL CONFERENCE ATTENDANCE

REPRESENTATIVE NAME	COMPANY NAME / ADDRESS / E-MAIL	TELEPHONE NO. / FAX	DBE FIRM (✓)
Jack Kanarek	Company Name / Address: Dewberry 200 Broadacres Drive, Suite 410 Bloomfield, NJ 07003		
Joel Minch	Company Name / Address: SYSTRA / 150 CLOVE RD, LITTLE FALLS, NJ		
Bill Brooks	Company Name / Address: STV Newark, NJ		
ATLY BOTAS	Company Name / Address: AMERCOM CORPORATION 1259 ROUTE 46 EAST, BLDG #2 SPRINGFIELD, NJ 07081		✓ DBE
NANCY VOLTURA	Company Name / Address: KACS CONSULTING 800 S. FIGUEROA ST. LOS ANGELES, CA		✓ DBE
ZAFAR IQBAL	Company Name / Address: SIMCO ENGINEERING 80 MAIDEN LANE SUITE 501 NEW YORK NY 10038		DBE

LONG SLIP FILL & RAIL ENHANCEMENT PROJECT
(RAIL, TRACK AND STATION ENGINEERING & CONSTRUCTION ASSISTANCE SERVICES)

PRE-PROPOSAL CONFERENCE ATTENDANCE

REPRESENTATIVE NAME	COMPANY NAME / ADDRESS / E-MAIL	TELEPHONE NO. / FAX	DBE FIRM (✓)
JOHN GAONA	Company Name / Address: GTS CONSULTANTS, INC. (DBE)		✓
JAYANTA DUTTA	Company Name / Address: JCMS, Inc.		✓
GENE LITTLE	Company Name / Address: KS ENGINEERS, PC NEWARK.		
MICHAEL MORGAN	Company Name / Address: GANNETT FLEMING LEGAL CTR / CROSWOOD RD NEWARK, NJ / 50 PLAINFIELD NJ		
CLAY PAYLE	Company Name / Address: BURNS ENGINEERING 2001 MARKET ST, PHILA PA 19103		
ARIF MALICK	Company Name / Address: Malick & Scherer, PC 53 Frontage Road, Suite 260 Newark, NJ 07102		✓
Leslie Mesnick	The Calladium Group 808 Union St 3rd Floor Page 2 of 4 Brooklyn NY 11245		✓

**LONG SLIP FILL & RAIL ENHANCEMENT PROJECT
(RAIL, TRACK AND STATION ENGINEERING & CONSTRUCTION ASSISTANCE SERVICES)**

PRE-PROPOSAL CONFERENCE ATTENDANCE

REPRESENTATIVE NAME	COMPANY NAME / ADDRESS / E-MAIL	TELEPHONE NO. / FAX	DBE FIRM (✓)
Oscar Sandoval	Company Name / Address: GTS Consultants 2 Monmouth Avenue, Unit A1 Monmouth, NJ 07728	[REDACTED]	
DBE Mark Rollo	Company Name / Address: JH Engineering 3700 Route 27 Princeton NJ 08540	[REDACTED]	✓
	Company Name / Address: JOSEPH MESSINA NAIK CONSULTANTS 253 W 35 TH ST	[REDACTED]	M.B.E
Quantus Breathwhite	Company Name / Address: Techno 14 Penn Plaza, Suite 1000, NY 10122	[REDACTED]	✓
	Company Name / Address: e-mail:	Telephone no: fax:	
	Company Name / Address: e-mail:	Telephone No: fax:	

**LONG SLIP FILL & RAIL ENHANCEMENT PROJECT
(RAIL, TRACK AND STATION ENGINEERING & CONSTRUCTION ASSISTANCE SERVICES)**

PRE-PROPOSAL CONFERENCE ATTENDANCE

REPRESENTATIVE NAME	COMPANY NAME / ADDRESS / E-MAIL	TELEPHONE NO. / FAX	DBE FIRM (M)
Taishida Chapman	Company Name / Address: NJT [Redacted]	[Redacted]	
Lenora A. Isaac	Company Name / Address: NJT [Redacted]		
NICHOLAS VALENTE	Company Name / Address: NJT [Redacted]		
Jacqueline Rush-Gilbert	Company Name / Address: NJT [Redacted]		
	Company Name / Address: e-mail:	Telephone No: fax:	
	Company Name / Address: e-mail:	Telephone No: fax:	

**NJ TRANSIT RFP No. 16-006
Addendum No. 1**

Attachment B

Pre-Proposal Agenda

REQUEST FOR PROPOSAL (RFP) NO. 16-006

**LONG SLIP FILL AND RAIL ENHANCEMENT PROJECT
(Rail, Track and Station Engineering & Construction Assistance Services)**

PRE-PROPOSAL CONFERENCE AGENDA

Tuesday, April 19, 2016 @ 2:00 p.m.

Agenda

- I. Introduction
- II. Proposal Process & Requirements
- III. DBE Goal and Requirements
- IV. Project Overview/Technical Requirements
- V. Questions and Answer Period

Panelist

Taishida Chapman	Principal Contract Specialist
Nick Valente	Program Manager
Lenora Isaac	Program Manager
Jacquelin Rush-Gilbert	Senior Business Development Specialist

I. Introduction (Taishida Chapman)

Attendance List

Project Schedule:

Solicit Proposals	April 5, 2016
Pre-Proposal Conference	April 19, 2016
Requests for Information Due	April 26, 2016
Proposal Due Date	May 17, 2016
Oral Presentations	Week of June 13, 2016
Selection of Firm	Week of June 27, 2016
Begin Negotiations	Week of July 11, 2016
Board Approval	November 2016
Notice to Proceed (NTP)	December 2016

II. Proposal Requirements and Process (Taishida Chapman)

Communications: Communications regarding this Request for Proposal are to be conducted through NJ TRANSIT's Procurement Department. All other contacts are considered improper

and are prohibited. Violation of this prohibition may cause for removal of a proposer from consideration for award of this contract.

Proposers are also advised that any discussions held regarding this meeting are considered informal and are not binding. The only means for modifying the RFP is through a formal written Addendum. Therefore, any inquiries or requests for clarification must be submitted in writing. Inquiries and requests for clarification may be faxed to (973) 232-4829 or e-mailed to tchapman@njtransit.com. Any response NJ TRANSIT elects to make will be made by a written Addendum to the RFP.

**Questions/
Clarifications:**

All questions and requests for clarifications must be received by NJ TRANSIT Procurement Department in writing, by 4:00 p.m. on **Tuesday, April 26, 2016**. Requests can be e-mailed to tchapman@njtransit.com.

All responses to written questions received by NJ TRANSIT will be issued in a written Addendum to the RFP and sent to all listed holders of the Request for Proposal Package.

**Proposal
Submission:**

Technical Proposal

Technical proposals are to be submitted in sealed envelopes.

One (1) original and seven (7) copies of the proposals are to be delivered on or before **2:00p.m. on Tuesday, May 17, 2016** to the address in the RFP cover letter.

Proposals are to be prepared in letter format on 8-1/2" x 11" paper, bound on the long side. All pages are to be sequentially numbered sheets. A minimum number of 11"x17" fold-out sheets are acceptable.

Proposals shall be considered valid for the period of time it takes to negotiate an agreement and execute a contract with the successful firm. The said period of time will not exceed six (6) months.

The format for the Technical Proposal shall be as shown in the outline on RFP Section V and Attachment E.

PROPOSERS ARE REQUIRED TO PROVIDE ONE (1) ORIGINAL COPY OF THE FOLLOWING IN A SEPARATE SEALED ENVELOPE WITH THE TECHNICAL PROPOSAL SUBMITTAL.

CONSULTANT CERTIFICATIONS: The Technical Proposal shall also include the certifications and affidavits required under this solicitation (e.g., Acknowledgment of Receipt of Addenda; Statement of Joint Venture (if applicable), Non-Collusion Affidavit, Contractors Certification of Eligibility, Affidavit of Compliance, Certification of Grants, Loans & Cooperative Agreements, Business Registration Certificate, Ownership Disclosure, Source Disclosure, PL 2005, Chapter 271 Certification and Disclosure Form, and Disclosure of Investment Activities in Iran).

CONTRACT REVIEW: The Consultant shall review NJ TRANSIT's Professional Services Agreement (Exhibit 1) and identify and submit to NJ TRANSIT with its Technical Proposal any proposed modifications to the Agreement. **All exceptions, clarifications, and modifications must be specifically identified and explained in a clearly identified section of the Consultant's technical proposal. Consultant's standard terms and conditions will not be considered as an exception, clarification, or modification. Exceptions, clarifications or modifications to NJ TRANSIT's Professional Services Agreement that are not provided with the Technical Proposal will not be entertained.**

Cost Proposal

Cost Proposals will be requested only from the highest technically qualified firm.

Cost Proposals (one (1) original and three (3) copies) are to be submitted in accordance with the requirements set forth in the RFP. The firm will have seven (7) days to submit their Cost Proposal. If firms cannot provide cost proposals within seven (7) working days of request, NJ TRANSIT reserves the right to begin negotiations with the next highest ranked proposers.

**Proposal
Evaluation:**

Each individual on the TEC will review and evaluate the written technical proposals based on the quality and substance of the

submitted proposal. Written technical proposals will be evaluated against the criteria enumerated in Attachment E.

The written technical proposal evaluations will be used by NJ TRANSIT to determine the competitive range. Firms may be asked to be prepared for specific situational questions prior to or at the oral presentation.

Oral Presentations will be requested from at least three (3) qualified firms within the "competitive range", except NJ TRANSIT may select fewer professional firms if fewer such firms responded to the solicitation or meet the qualifications for the project.

Oral Presentations will provide an opportunity for the firm/team to clarify or elaborate on its written technical proposal. The TEC will use the Oral Presentations to confirm and/or reassess its understanding of the written technical proposals, and incorporate that information into its evaluation by revising the written technical evaluation scores accordingly.

NJ TRANSIT reserves the right to assess and reassess its understanding of proposals and revise the rating and ranking of such proposals at any time prior to selection.

Reference checks will be performed for all consultant teams deemed within the competitive range and the results furnished to the TEC. References will not be scored; however, they will be checked and used in the overall evaluation of proposals. Reference information is provided in Attachment E.

Negotiations:

NJ TRANSIT will enter into negotiations with the highest technically qualified firm to reach an agreement on scope of services and fees. If in the opinion of NJ TRANSIT a satisfactory proposal cannot be negotiated with a selected firm, NJ TRANSIT will formally end negotiations and initiate negotiations with the next most technically qualified firm.

This negotiation procedure will be followed until a satisfactory proposal is negotiated. NJ TRANSIT considers all elements of the Consultant's proposal subject to negotiation.

All proposed expenses will be evaluated to determine their reasonableness and whether they are allowable and allocable. The Federal Transit Administration Cost Standards (Federal Acquisition Regulations Part 31; FAC 84-16, 17, 19) will be used

as the guideline in determining the reasonableness of consultant costs.

**Approval &
Award:**

Once negotiations have been completed, a recommendation for award of the Contract to the Proposer, whose proposal conforming to the RFP, is in the best interest and offers the best value to NJ TRANSIT will be made for approval by NJ TRANSIT's Board of Directors. Upon approval of the recommendation for award of a Contract, NJ TRANSIT will enter into a cost plus fixed fee contract found in Exhibit 1.

Within ten (10) working days of Receipt of Notice of Award, the successful Proposer shall properly execute two (2) copies of the Contract and deliver to NJ TRANSIT both signed copies of the Contract, the specified insurance certificates and any other document as may be specified in the Contract. NJ TRANSIT will execute both copies of the contract and will return one (1) executed copy to the firm.

**Insurance
Requirements:**

The successful Consultant and its Subconsultant(s) are required to submit evidence of insurance coverage of the types in the amounts specified in the RFP Exhibit 1, Article 12- Insurance Requirements).

Other:

This project is subject to the provisions of the Division of Revenue Business Registration Certification Act (N.J.S.A. 52:32-44). Consultants and Subconsultants are required to obtain a Business Registration Certificate (BRC) from the State of New Jersey, Department of Treasury, Division of Revenue prior to the time a contract is awarded or authorized by NJ TRANSIT.

The successful proposer will be required to comply with the requirements of P.L. 1975, c.127 (N.J.S.A. 10:5-31) and N.J.A.C. 17:27 regarding Equal Employment Opportunity Laws and Regulations.

III. DBE Goal and Requirements (Jacquelin Rush-Gilbert)

As an aid in meeting the commitment of its Disadvantaged Business Enterprise (DBE) Program, NJ TRANSIT has assigned a **Race Conscious 23% DBE goal** on the gross sum amount of the bid or contract for DBE subcontracting participation. All NJ Unified Certification Program (NJUCP) certified DBE firms, including suppliers, are eligible to participate in this contract.

The Consultant shall refer to the DBE Requirements for Federally Funded Procurement Activities (Exhibit 4) included in the RFP for the requirements concerning the DBE obligations and mandatory submissions for this contract. In accordance with those requirements, the Consultant shall identify all DBE and Non-DBE subconsultants and suppliers proposed to participate in and solicited for this contract, and complete and submit the mandatory required forms (A, A1, A2) and any applicable supplemental forms (AA, AA1, AA2) with their proposal or within seven (7) calendar days of the proposal due date. Consultants are strongly encouraged to submit these forms with the proposal to prevent delay of award. Consultants utilizing DBE firms and/or suppliers to participate in this contract shall also submit the mandatory Forms B and BB if applicable and a NJUCP DBE certification letter for each DBE firm/supplier in accordance with the same time frame indicated above. All forms shall be completed entirely with no blank fields.

Any questions regarding the DBE requirements or the mandatory required forms for this contract should be directed to Ms. Jacquelin Rush-Gilbert, Senior Business Development Specialist at 973-491-8061 or jrush-gilbert@njtransit.com.

IV. Project Overview/Technical Requirements (Nick Valente)

For detailed project information refer to the following:

- RFP Section II – Project Background and Description
- RFP Section III – Scope of Services – General
- RFP Section IV – Scope of Services – Detailed Description of Tasks
- RFP Attachments A, B, F, G and H

V. Questions and Answer Period (Panelists/Attendees)

Proposers are also advised that any discussions held regarding this meeting are considered informal and are not binding. The only means for modifying the RFP is through a formal written Addendum. Therefore, any inquiries or requests for clarification must be submitted in writing. Inquiries and requests for clarification may be faxed to (973) 232-4829 or e-mailed to tchapman@njtransit.com.

Any response NJ TRANSIT elects to make will be made by a written Addendum to the RFP and sent to all listed holders of the Request for Proposal Package.

**NJ TRANSIT RFP No. 16-006
Addendum No. 1**

Attachment C

Pre-Proposal Presentation Figures

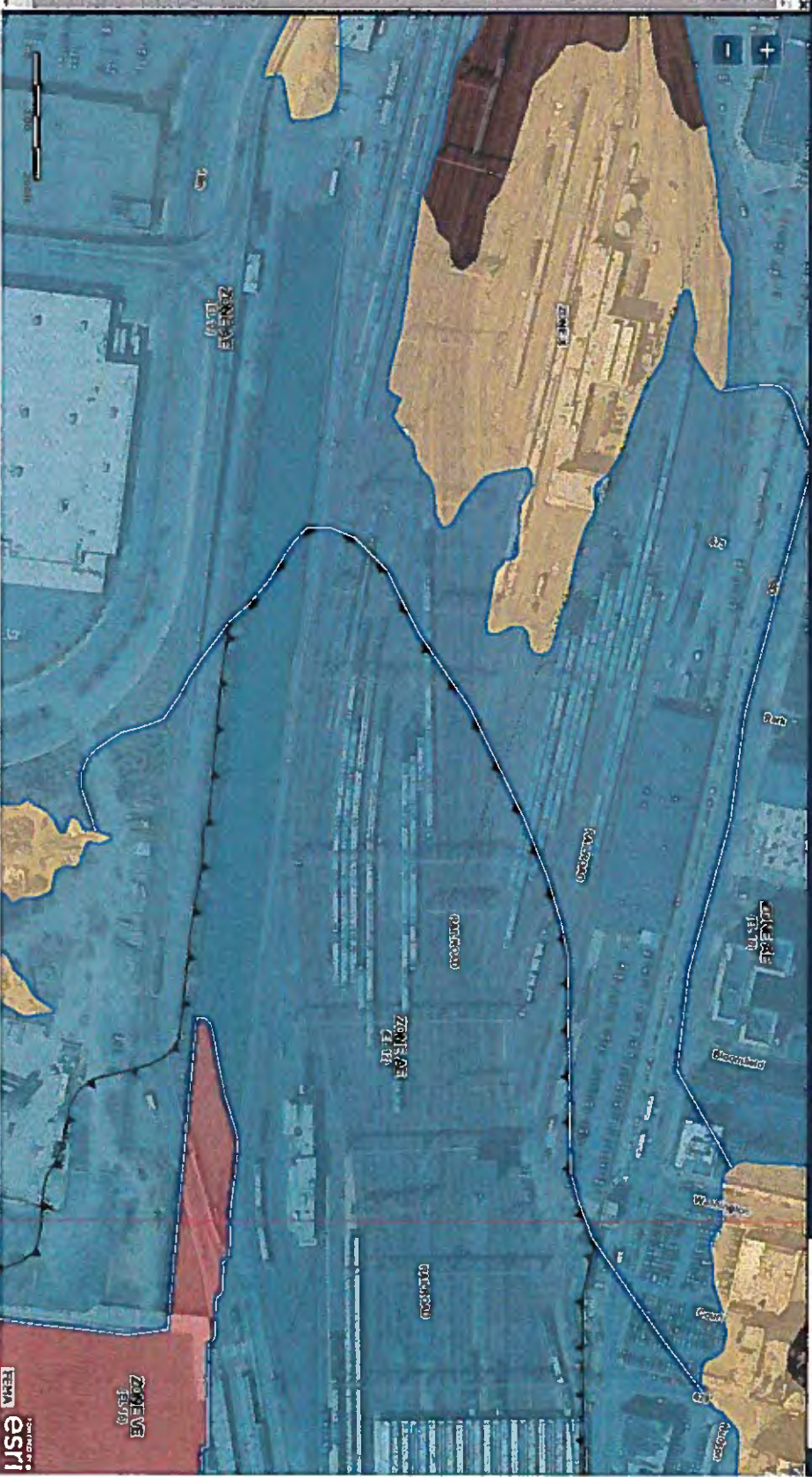




PEMA Hudson Co., NJ Preliminary FIRI Data Viewer

Layers

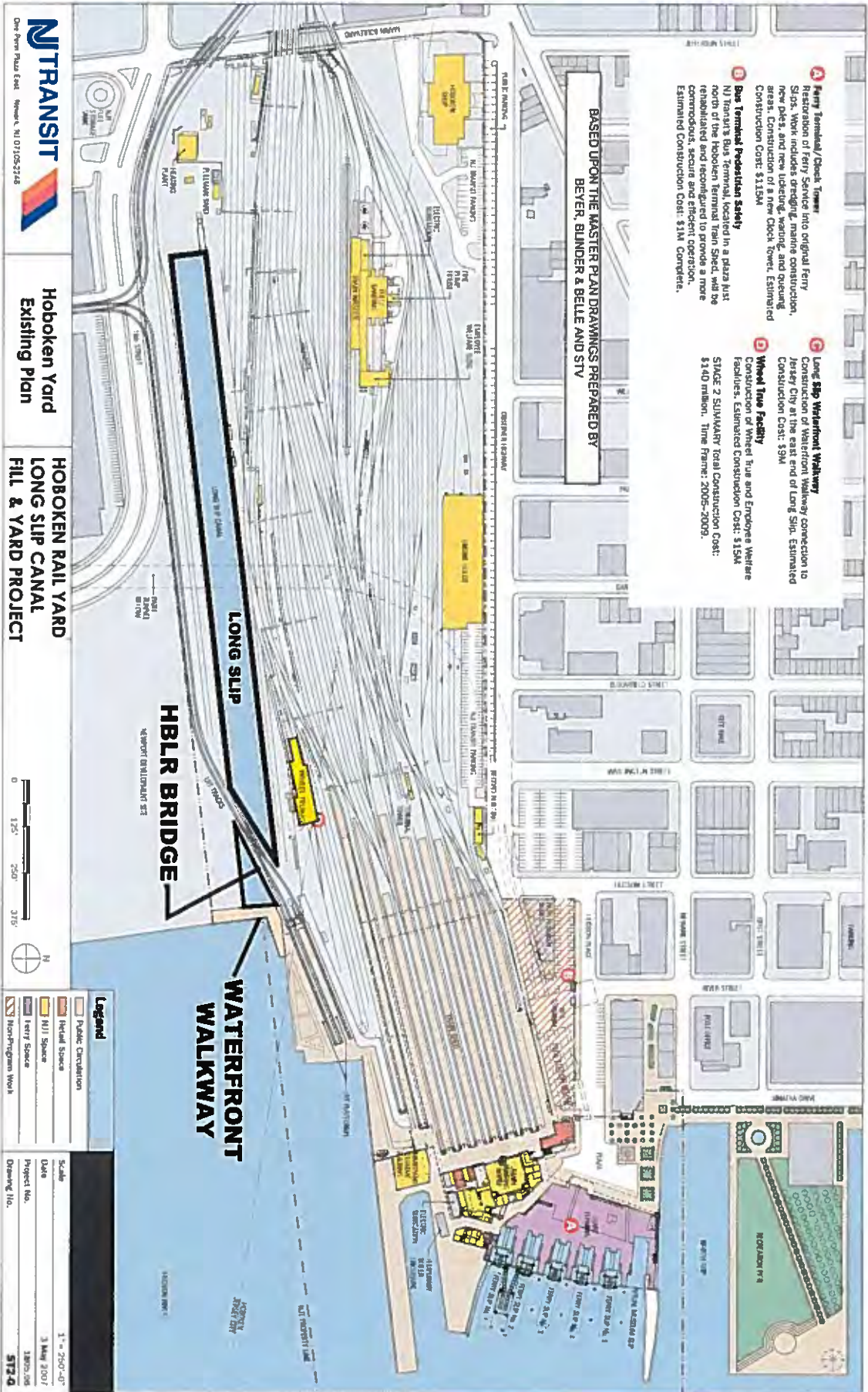
- Preliminary_FIRI_Hudson, NJ
- Flood Hazard Boundaries
- 1 Pct Annual Chance Flood
- Floodway
- 0.2 Pct Annual Chance Flood
- Zone Break
- Limit of Floodway
- Limit of Study
- Limit of Moderate Wave Action
- Coastal Traverses
- Publical Jurisdiction Boundaries
 - Community
 - County
 - State
- Water Lines
- Flood Hazard Zones
 - Zone A
 - Zone AE
 - Zone AD
 - Zone VE
 - Floodway
 - Zone X - 0.2 PCT
- FIRI Panels
 - PRELIMINARY
 - COUNTYWIDE, PANEL PRINTED
 - COUNTYWIDE, PANEL PRINTED (Reversed)
 - COUNTYWIDE, NOT PRINTED
- Other Layers
 - Transportation Labels
 - Political Jurisdiction Areas
 - Permanent Benchmarks
 - MGS Benchmark



HOBOKEN TERMINAL & YARD MASTER PLAN

- A Ferry Terminal/Check Tower**
Restoration of Ferry Service into original Ferry Slips. Work includes dredging, marine construction, new piers, and new decking, waiting, and queuing areas. Construction of a new Clock Tower. Estimated Construction Cost: \$115M
- B Bus Terminal/Passenger Safety**
NJ Transit's Bus Terminal, located in a plaza just north of the Hoboken Terminal Train Shed, will be rehabilitated and reconfigured to provide a more commodious, secure and efficient operation. Estimated Construction Cost: \$1M Complete.
- C Long Slip Waterfront Walkway**
Construction of Waterfront Walkway connection to Jersey City at the east end of Long Slip. Estimated Construction Cost: \$9M
- D Wheel Tug Facility**
Construction of Wheel Tug and Endropes Welfare Facilities. Estimated Construction Cost: \$15M
STAGE 2 SUMMARY Total Construction Cost: \$140 million. Time Frame: 2005-2009.

BASED UPON THE MASTER PLAN DRAWINGS PREPARED BY BEYER BLUNDER & BELLE AND STY



Hoboken Yard Existing Plan

HOBOKEN RAIL YARD LONG SLIP CANAL FILL & YARD PROJECT



Legend	
	Public Circulation
	Retail Space
	M/I Space
	Ferry Space
	Non-Program Work

Scale	1" = 250'-0"
Date	3 May 2007
Project No.	18070_06
Drawing No.	572-D

One Penn Plaza East Newark, NJ 07102-5748

Long Slip Fill Project



01 08 2014 15 50

Long Slip Fill Project



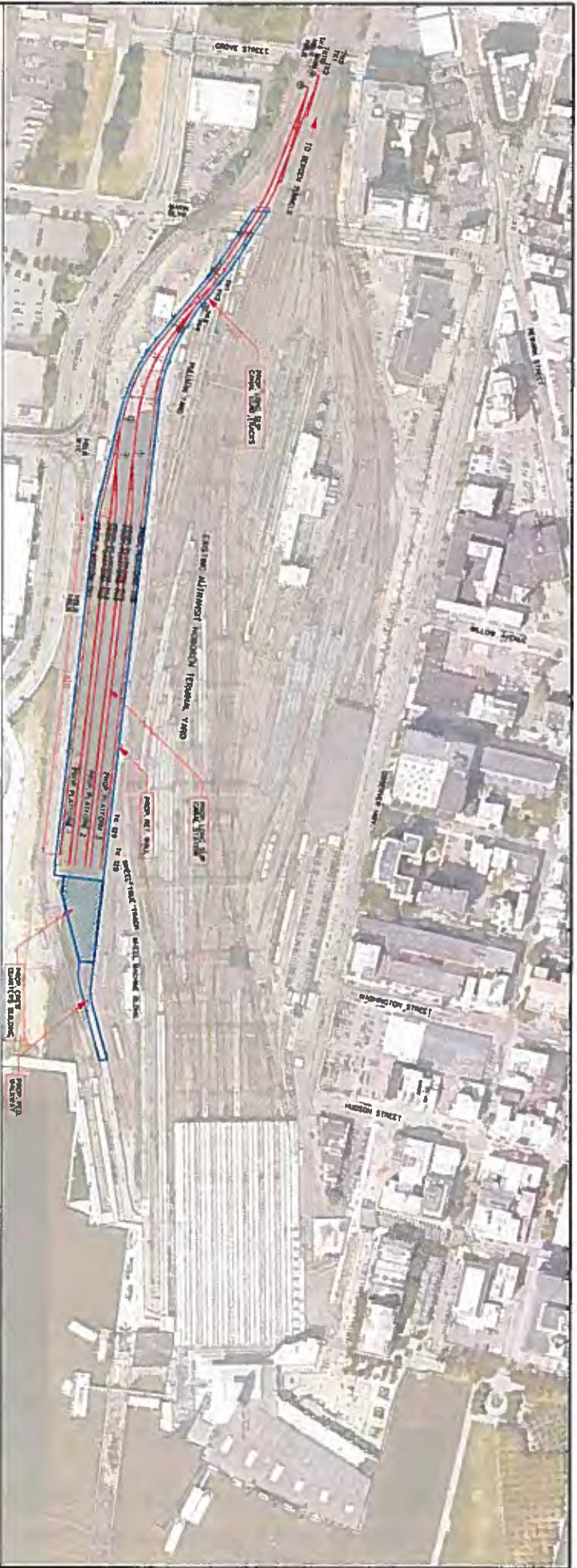
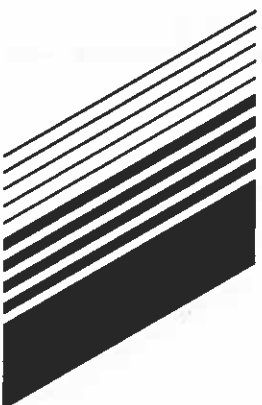


FIGURE 1: HOBOKEN YARD AND TERMINAL SITE PLAN
WITH PROP. LONG SLIP CANAL PLATFORMS AND TRACKS

NJ TRANSIT



HUDSON-BERGEN LIGHT RAIL TRANSIT SYSTEM

LONG SLIP FILL PROJECT

PACKAGE 56A / B

CSO EXTENSION AND
PHASE I CANAL FILLING

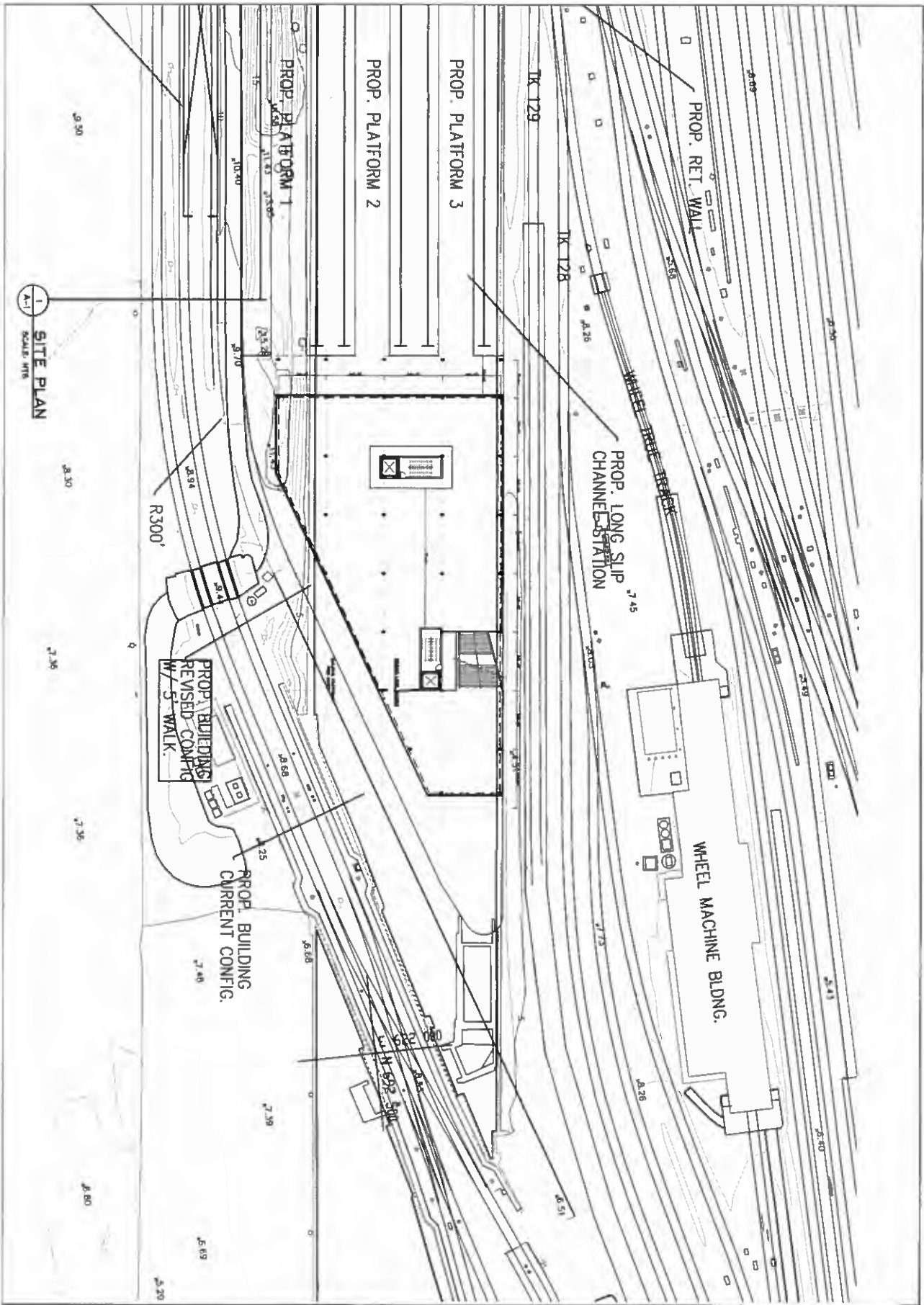
FINAL
MARCH 28, 2003

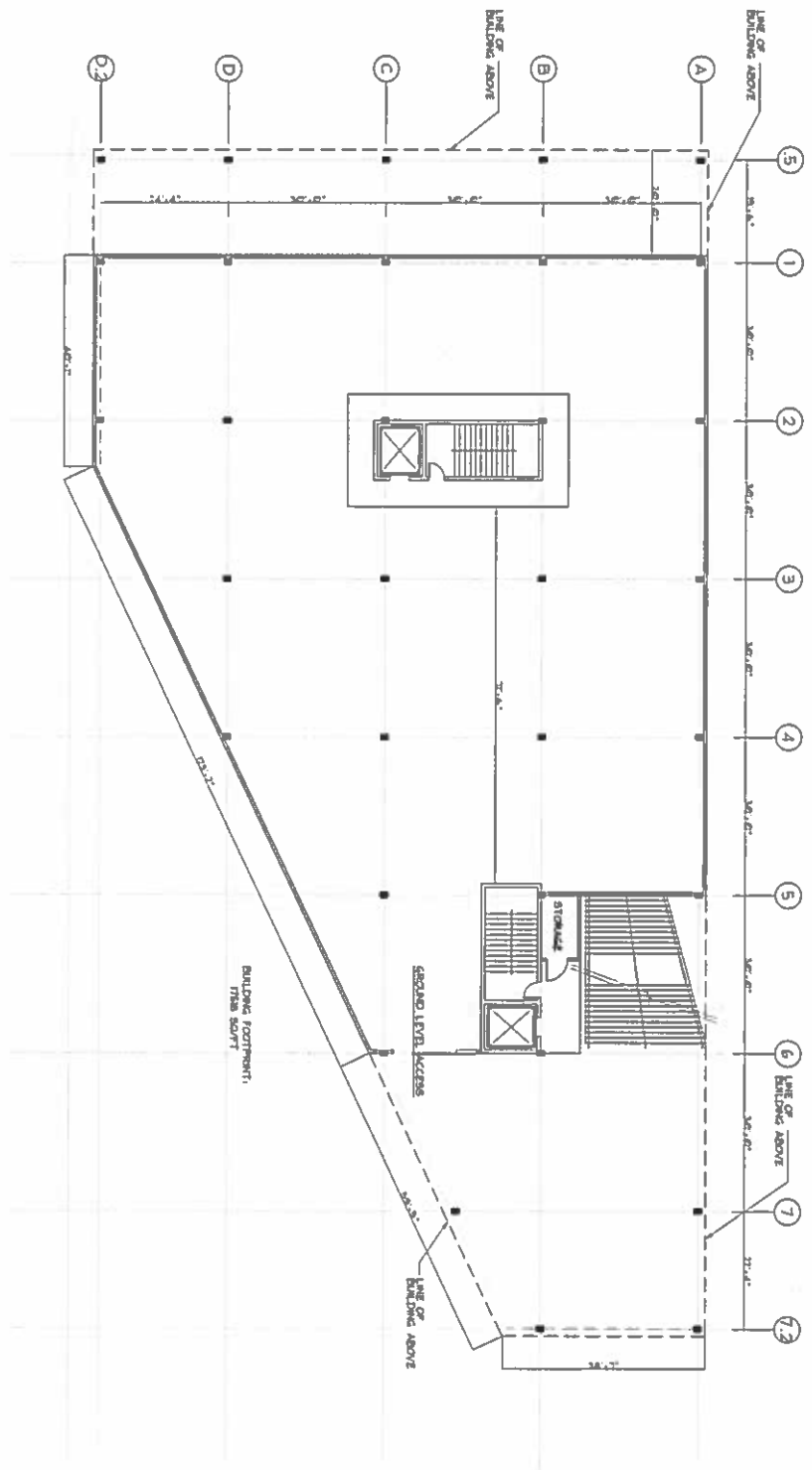
Prepared By:
NATHAN WILKINSON
NAME: NATHAN WILKINSON
THE DESIGN PROJECT MANAGER

Date:

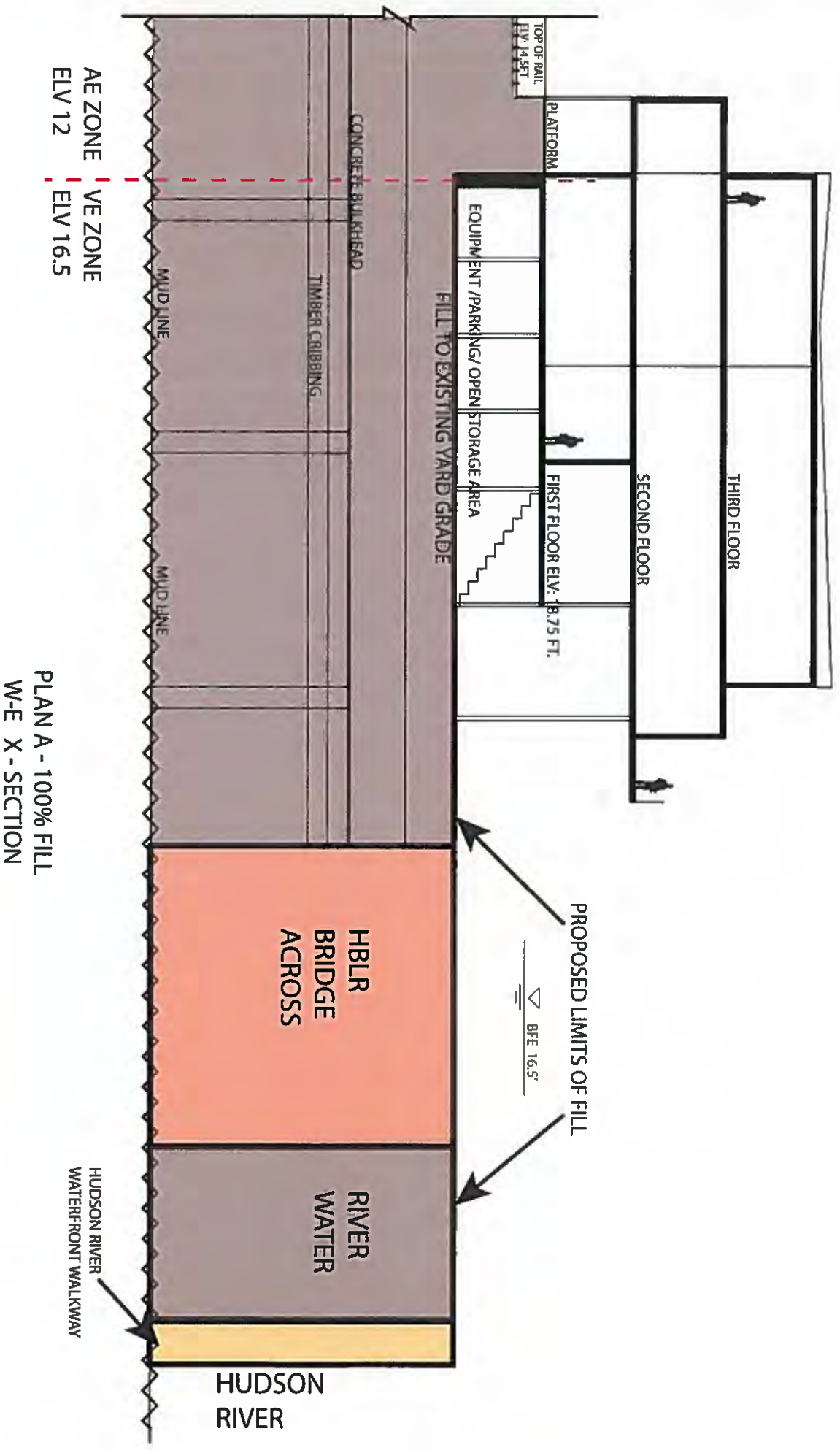
Prepared For:
NEW JERSEY TRANSIT CORPORATION
NAME: STEVE H. SANTONO
THE DIRECTOR OF ART
NEW JERSEY CONSTRUCTION

Date:





1
A-1
PROPOSED GROUND FLOOR PLAN (PARKING/STORAGE)
SCALE: 3/8" = 1'-0"

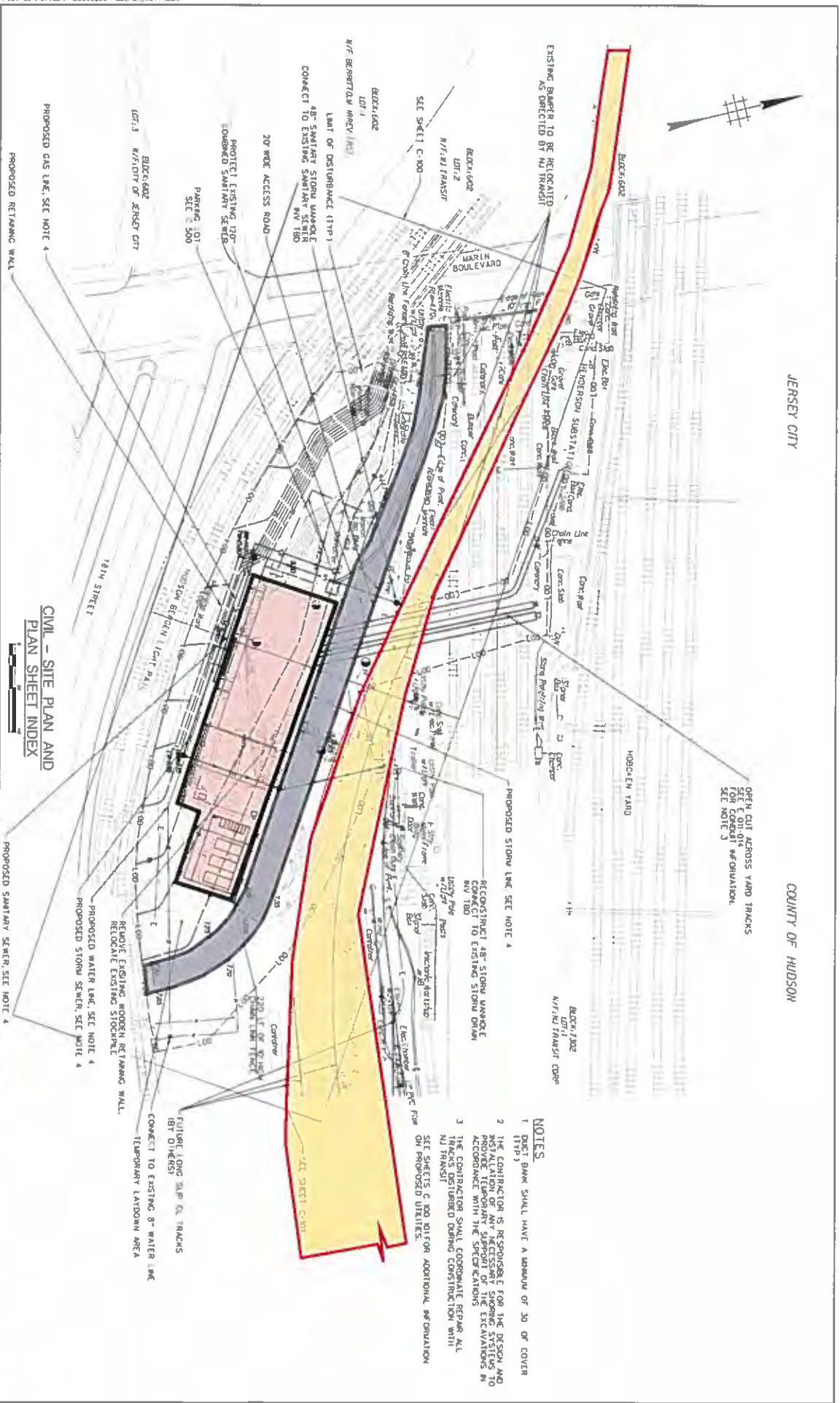


PLAN A - 100% FILL
 W-E X-SECTION

NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION
1	12/23/15	ISSUED FOR REVIEW	1	12/23/15	ISSUED FOR REVIEW
2	03/03/16	ISSUED FOR REVIEW	2	03/03/16	ISSUED FOR REVIEW
3	03/03/16	ISSUED FOR REVIEW	3	03/03/16	ISSUED FOR REVIEW

DATE	SCALE	BY	CHECKED
12/23/15	AS SHOWN	JAMES M. OSZCZAK	JAMES M. OSZCZAK

<p>NJ TRANSIT The Way To Go.</p>	<p>HOBOKEN TERMINAL YARD HENDERSON SUBSTATION</p>	<p>DATE: 13-03-16</p>
		<p>SCALE: 3/4" = 1'-0"</p>



OPEN CUT ACROSS YARD TRACKS
 SEE E-011-014
 FOR CONDUIT INFORMATION.
 SEE NOTE 3

- NOTES**
1. DUCT BANK SHALL HAVE A MINIMUM OF 30" OF COVER (11/17)
 2. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND PROVIDE TEMPORARY SUPPORT OF THE ELEVATIONS IN ACCORDANCE WITH THE SPECIFICATIONS
 3. THE CONTRACTOR SHALL COORDINATE WITH ALL TRACKS DISTURBED DURING CONSTRUCTION WITH NJ TRANSIT
- SEE SHEETS C-100 AND C-101 FOR ADDITIONAL INFORMATION ON PROPOSED UTILITIES.

May 10, 2016

ADDENDUM NO. 2

**Re: NJ TRANSIT Request for Proposal (RFP) No. 16-006
Long Slip Fill and Rail Enhancement Project
Rail, Track and Station Engineering & Construction Assistance Services**

To Whom It May Concern:

Proposers are hereby advised of the following additions and/or clarifications to the above referenced project:

I. GENERAL PROJECT INFORMATION

1. RFP Attachment A – Design Schedule

RFP Attachment A entitled "Design Schedule" has been revised and attached hereto. Replace RFP Attachment A – Design Schedule with the attached. (Addendum No. 2 - Attachment A)

II. QUESTIONS

1. Exhibit 1 – NJ Transit's Professional Service Agreement, Page 10, Paragraph 12 – Insurance

This paragraph states that "The Consultant agrees to carry and shall require its assignees and subconsultants, if any, to carry professional liability insurance of the type necessary to protect the Consultant from professional liability arising out of the negligent acts, errors or omissions of the Consultant in connection with the performance of the Consultant's services pursuant to this Agreement. Said insurance shall be in an amount not less than \$5,000,000 for any one claim and annual aggregate with a deductible not to exceed \$50,000 for any one claim, unless approved otherwise by NJ TRANSIT."

Please confirm that the professional liability insurance coverage of not less than \$5,000,000 is also required for any of our subconsultants; and if this is the case, would NJ TRANSIT consider a reduction or waiver of that level of coverage?

NJ TRANSIT Response: NJ TRANSIT would consider a reduction or waiver of the \$5M coverage for the subconsultants if 1.) The Consultant covers the subconsultants with their own policy and/or 2.) based on the scope of activity the

subconsultants will be engaged in, NJ TRANSIT can review each request individually and determine what amount, if any, is appropriate.

2. Page 52, Cost Proposal Format, DBE Forms & Affidavits

This section states that that “The Cost Proposal shall also include the required DBE forms and affidavits. Please confirm that the DBE Forms & Affidavits are required only with the Cost Proposal (which is not required at this time), and not with the Technical Proposal submission.

NJ TRANSIT Response: Confirmed, the DBE Forms and Affidavits are required only with the Cost Proposal.

3. RFP Transmittal Letter and Page 49, V – Proposal Requirements, bottom of page

The second paragraph of the transmittal letter states: “Any exceptions to the enclosed documents must be submitted in writing no later than 4:00 p.m., Tuesday, April 26, 2016. Exceptions to the contract terms and conditions received after the time stated may not be entertained.”

The Proposal Requirements section, bottom of page 49, states that “The Consultant shall review NJ TRANSIT’s Professional Services Agreement (Exhibit 1) and identify and submit to NJ TRANSIT with its Technical Proposal any proposed modifications to the Agreement... Exceptions, clarifications, or modifications to NJ TRANSIT’s Professional Services Agreement that are not provided with the Technical Proposal will not be entertained.”

We are assuming that NJ TRANSIT’s intent is for the Consultant to submit the exceptions at the time of the Technical Proposal submission, under separate cover.

NJ TRANSIT Response: Contract Exceptions are to be submitted at the time of Technical Proposal submission in a separate sealed envelope.

4. Will the Consultant be required to provide SHPO/Section 106 support, i.e. document preparation, as part of the scope of services?

NJ TRANSIT Response: The Section 106 historic preservation reporting and review process has been completed by NJ TRANSIT. There is a compliance and mitigation issue to preserve two to three of the railroad bumpers at the very west end of the yard in the vicinity of the proposed bridge crossing. These items will need to be addressed in the design and noted for protection in the bid documents and should be the extent of SHPO/106 compliance under the scope of work. Additionally, NJ TRANSIT will forward interim design documents at the 30, 60 90 and 100% stages to the NJDEP Office of Historic Preservation (SHPO) for review to have an ongoing consultation regarding design details as the finishing treatment of the concrete abutment, if any, in order to support our efforts to maintain the conditional no adverse effect determination.

5. The RFP requires all prime consultant and their sub consultants to carry professional liability insurance coverage in the amount of \$5,000,000 for any one claim and annual

aggregate. This proposed limit of \$5,000,000 for professional liability insurance seems excessive for small firms including DBEs. In many instances such a high limit of professional liability coverage is not just cost prohibitive for SBE/DBE but in most instances not available (to small firms) due to their limited annual gross sales. Would NJ Transit allow the DBEs to cover this additional requirement using their umbrella coverage which they typically carry for limits up to \$5,000,000.

NJ TRANSIT Response: Yes, NJ TRANSIT may allow the DBEs to cover this additional requirement using their umbrella coverage.

FOR PROSPECTIVE PROPOSERS ONLY

Firms are required to acknowledge receipt of all addenda by signing the "Acknowledgement of Receipt of Addenda" form. This form (Exhibit 5) shall be included as part of the proposal. Failure to acknowledge receipt of all addenda may render proposals nonresponsive.

Sincerely,

A handwritten signature in blue ink that reads "Taishida Chapman". The signature is written in a cursive, flowing style.

Taishida S. Chapman
Principal Contract Specialist

**NJ TRANSIT RFP No. 16-006
Addendum No. 2**

Attachment A

Design Schedule

REQUEST FOR PROPOSAL NO. 16-006
**RAIL, TRACK AND STATION ENGINEERING &
CONSTRUCTION ASSISTANCE SERVICES**
FOR THE LONG SLIP FILL AND ENHANCEMENT PROJECT

**ATTACHMENT A
DESIGN SCHEDULE**

Task 1 Project Management	Duration of Project
Task 2 Risk Management	Duration of Project
Task 3 SSMP	Duration of Project
Phase 2 Preliminary 30% Design -	Six (6) Months Duration

The following Tasks are to be completed after NEPA approval:

Phase 2 60% Design Documents –	Four (4) Months Duration
Phase 2 90% Design Documents –	Four (4) Months Duration
Phase 2 100 % Design Documents –	One (1) Month Duration
Phase 2 Construction Bid Package –	One (1) Month Duration

The durations include NJ TRANSIT and other party QC review time for each Task.

**NJ TRANSIT AGREEMENT NO. 16-006
LONG SLIP FILL AND RAIL ENHANCEMENT PROJECT
RAIL, TRACK AND STATION ENGINEERING & CONSTRUCTION
ASSISTANCE SERVICES**

PURCHASE ORDER



The Way To Go.



ONE PENN PLAZA EAST
NEWARK, NJ 07105-2246

HOW TO CONTACT ACCOUNTS PAYABLE
VOICE: 973-491-8399 FAX: 973-491-4621
E-MAIL: APHELP@NJTRANSIT.COM

PURCHASE ORDER INSTRUCTIONS

- ALL PACKAGES MUST BE ACCOMPANIED BY A PACKING SLIP.
- REFERENCE PURCHASE ORDER NUMBER AND NJT CATALOG NUMBER ON ALL INVOICES, PACKING SLIPS AND BILLS OF LADING.
- VENDOR MUST SUPPLY ORIGINAL INVOICE AND ANY FREIGHT BILLS IN EXCESS OF \$100 TO:
NJ TRANSIT ACCOUNTS PAYABLE
P.O. BOX 5519
NEWARK, NJ 07105-5519
- VENDOR MUST ALSO SUPPLY COPY OF INVOICE TO CONSIGNEE.
- VENDOR: IF PRICE ON PO DOES NOT MATCH, DO NOT SHIP MATERIAL, CONTACT BUYER.

PURCHASE ORDER & RELEASE NO N-11591		REV NO 0
VENDOR NO 00006335	ISSUE DATE 09/18/17	
DATE CHANGED	PAGE NO 1	
PURCHASING FAX: 973-491-7547		

VENDOR: **AECOM USA INC.**
30 KNIGHTSBRIDGE ROAD
SUITE 520
PISCATAWAY, NJ 08854

SHIP TO: **NJ TRANSIT HEADQUARTERS**
*DELIVER 9-11 AM OR 2-4 PM ONL
ONE PENN PLAZA EAST
NEWARK, NJ 07105

BUYER: Taishida Chapman 973-491-8476 CPRCTSC@NJTRANSIT.COM

NJ TRANSIT IS EXEMPT FROM NJ SALES & USE TAXES PURSUANT TO SECT 9(A)(1), OF NJSA 54:32B-1 ET SEQ.
FEDERAL T.I.N.: 22-228-1352
TAX EXEMPT #'S 21-60000928 (NJ)
22-75-0050K (FEDERAL)

TERMS NET 30 D	FREIGHT TERMS PREPAID	FOB DELIVERED	SHIP VIA BEST WAY	BUYER NO 081
--------------------------	---------------------------------	-------------------------	-----------------------------	------------------------

NJ TRANSIT ETHICS CODE: NJ TRANSIT IS AN INSTRUMENTALITY OF THE STATE OF NEW JERSEY AND ITS EMPLOYEES AND OFFICERS AND MEMBERS OF THE NJ TRANSIT BOARD OF DIRECTORS ARE PUBLIC SERVANTS AND ARE GOVERNED BY CIVIL AND CRIMINAL LAWS THAT CONTROL HOW NJ TRANSIT AND ITS PERSONNEL CONDUCT BUSINESS WITH VENDORS, CONTRACTORS AND CONSULTANTS. THESE PROVISIONS INCLUDE THE CONFLICTS OF INTEREST LAW, NJSA 52:13D-12; THE GIFTS TO PUBLIC SERVANTS LAW, NJSA 2C:27-6; AND THE COMPENSATION FOR PAST OFFICIAL BEHAVIOR LAW, NJSA 2C:27-4. THESE PROVISIONS CONTAIN UNEQUIVOCAL AND STRINGENT RESTRICTIONS RELATING TO GIFTS AND GRATUITIES BY ANY NJ TRANSIT EMPLOYEE OR ANY PERSON, COMPANY OR ENTITY DOING BUSINESS WITH OR WANTING TO DO BUSINESS WITH NJ TRANSIT. THE TERM "GIFT" INCLUDES ALL THINGS AND OBJECTS, TANGIBLE OR INTANGIBLE INCLUDING SERVICES, GRATUITIES, MEALS, ENTERTAINMENT, EVENT TICKETS, MEMBERSHIP CLUB ACCESS, TRAVEL COSTS AND LODGING. ALSO, NJ TRANSIT'S CODE OF ETHICS AND CODE OF CONTRACTORS AND CONSULTANTS FROM OFFERING ANY GIFTS TO ANY NJ TRANSIT EMPLOYEE. DO NOT, UNDER ANY CIRCUMSTANCES, TEMPT OR PUT AN NJ TRANSIT EMPLOYEE IN THE AWKWARD POSITION OF HAVING TO REFUSE A GIFT OR RETURN A GIFT NO MATTER HOW WELL INTENTIONED OR INNOCUOUS THE GIFT MAY BE.

LINE ITEM	QUANTITY	UNIT OF MEASURE	NJT CATALOG NUMBER	DESCRIPTION	UNIT PRICE	AMOUNT
1	8,424,519.80	\$	84	<p>CONTRACT/BID NO: 16-006</p> <p>MR#ER10 6169 PROM DATE: 09/18/17 GL#8851 00050304 RDE2100</p> <p>NJ TRANSIT CONTRACT NO. 16-006 LONG SLIP FILL & RAIL ENHANCEMENT PROJECT - PHASE 2 DESIGN SERVICES PM: NICK VALENTE X7211</p> <p>THIS PURCHASE ORDER IS BEING ISSUED TO RECORD THE FUNDING AVAILABLE FOR NJ TRANSIT CONTRACT NO. 16-006. THE TOTAL EXPENDITURE AMOUNT FOR THIS LINE SHALL NOT EXCEED \$8,424,519.80. THIS LINE SATISFIES E-REQ. NO. REFER TO NJ TRANSIT CONTRACT NO. 16-006 FOR THE COMPLETE TERMS AND CONDITIONS. *****</p>	1.0000	8,424,519.8000
** TOTAL:						\$8,424,519.80

WHEN BOX IS CHECKED, THE TERMS AND CONDITIONS OF THE ATTACHED CONTRACT REPLACE THOSE SHOWN ON THE REVERSE SIDE OF THIS PURCHASE ORDER.

9/22/17

AUTHORIZED NJ TRANSIT SIGNATURE/DATE