

**Manhattanville in West Harlem Implementation Plan Report  
October 15, 2018 Submission**

**Declaration Reference and Key Data**

Obligation Section Number: **5.06 (a), (b), (c) and (d)**

Obligation Title: **Affirmative Action Obligations**

Obligation Page Number: **50**

Obligation Trigger: **Issuance of First Demo Permit for the Project**

Obligation Start Date: **February 4, 2010 (Issuance of First Demo Permit)**

Obligation End Date: **Project Completion**

Obligation Status: **In Compliance/Ongoing**

**Obligation**

(a) *Construction.* (Triggered) During the construction of the project, CU shall at a minimum adhere to ESD's non-discrimination and affirmative action policies with respect to hiring and contracting, including the goals of 25% MWL business enterprise participation\* and 40% MWL work force participation in construction activities. Where CU's affirmative action policies with respect to hiring and contracting differ from or exceed ESD's affirmative action policies, CU shall adhere to the more stringent affirmative action requirements, unless to do so shall directly conflict with applicable law or CU's obligations under collective bargaining agreements in effect as of the date hereof. CU shall notify ESD of any conflict, if any, promptly and with particularity.

(b) *Operation.* (Triggered) CU shall make good faith efforts to include MWL business enterprises in all service management agreements, agreements for the purchase of goods and services and other agreements relating to the operation of the Project. CU shall encourage occupancy of the Project's active, ground floor areas by small, non-chain, neighborhood retail businesses that would serve the local community.

(c) *Compliance of Contractors and Subcontractors.* (Triggered) CU shall cause the Affirmative Action Obligations to be made binding conditions of all contracts entered into by CU or by CU's contractors or agents relating to the construction of the Project.

(d) (Not Triggered) A Successor Interest shall, at a minimum, adhere to ESD's non-discrimination and affirmative action policies with respect to the obligations set forth in Section 5.06(a), (b) and (c) hereof, and may, at the Successor Interest's option, adhere to more stringent affirmative action requirements.

\*During the course of negotiations related to Columbia University's construction, CU increased the contracting goal from 25% to good faith efforts toward a goal of 35%. The good faith efforts towards a construction contracting goal of 35% are noted in the Columbia University Facilities (CUF) MWL Policy and relevant sections of the general conditions in the University's construction contracts.

**Evidence of Compliance**

1. Link to Columbia University Facilities MWL Policy
2. Link to Columbia University Web Statement on Affirmative Action
3. Exhibit to construction contracts: Minority- and Women- owned Business Enterprises, Locally-based Business Enterprises (M/W/LBEs) Non-Discrimination and Affirmative Action Requirements in Columbia University Construction
4. Manhattanville MWL Workforce and Spending Summary
5. Evidence of efforts to encourage occupancy of ground floor areas by neighborhood retail businesses

Columbia University's Implementation Plan and all supporting documentation are made available on the Community Services Webpage at <http://manhattanville.columbia.edu/community/benefits-and-amenities>.

# Manhattanville in West Harlem Implementation Plan Report

## October 15, 2018 Submission

### **EOC Checklist for Obligation 5.06 (a) and (c):**

Please check to verify EOC items submitted for review.

- ☐ 1. Link to Columbia University Facilities MWL Policy
  - ☐ 2. Link to Columbia University Web Statement on Affirmative Action
  - ☐ 3. Exhibit to construction contracts: Minority- and Women- owned Business Enterprises, Locally-based Business Enterprises (M/W/LBEs) Non-Discrimination and Affirmative Action Requirements in Columbia University Construction
  - ☐ 4. Manhattanville MWL Workforce and Spending Summary
  - ☐ 5. Evidence of efforts to encourage occupancy of ground floor areas by neighborhood retail businesses

**Monitor's Notes / Comments:**

This image shows a single sheet of white paper with horizontal blue or grey ruling lines, typical of notebook paper. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

**Status:**

Please check to indicate the status of Obligation 5.06 (a) and (c):

- ☐ In Compliance
- ☐ In Progress
- ☐ Not In Compliance
- ☐ Not Triggered

## Affirmative Action

### Link to Columbia University Facilities MWL Policy:

<http://policylibrary.columbia.edu/minority-and-womenowned-business-enterprises-locallybased-business-enterprises-mwlbes-nondiscriminat>

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**MINORITY- AND WOMEN-OWNED BUSINESS ENTERPRISES, LOCALLY-BASED BUSINESS ENTERPRISES (M/W/LBES) NON-DISCRIMINATION AND AFFIRMATIVE**

Effective: October 1, 2009  
Revised: April 1, 2013

**Policy Statement**  
This policy describes the Morningside campus, Manhattanville and CUMC efforts to support the University's commitments to the well being and competitive strength of minority-, woman-owned and locally-based businesses and provide maximum practicable opportunities in contracting for construction. With this policy the University seeks to further the maintenance of a strong and healthy free enterprise system, supports the goals of equal opportunity and diversity, and seeks to increase the participation of qualified minority- and woman-owned and locally-based businesses in construction projects.

**Reasons for the Policy**  
It is the policy of the University to comply with all federal, State and local laws, policies, orders, rules and regulations which prohibit unlawful discrimination, due to race, creed, color, national origin, gender, sexual orientation, age, disability or marital status, and to take affirmative action to ensure that Minority- and Women-owned Business Enterprises, Locally-based Business Enterprises (M/W/LBEs), Minority Group Members, women and local area residents share in the economic opportunities generated by Columbia's participation in projects or initiatives, and/or the use of Columbia funds.

**Primary Guidance to Which This Policy Responds**



**Contact**  
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**Responsible Office**  
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**Related Links**  
[Full policy text](#)

## Affirmative Action

Link to Columbia University Web Statement on Affirmative Action:

<http://eoaa.columbia.edu/recruitment/affirmative-action>

 Columbia University in the City of New York

# EQUAL OPPORTUNITY AND AFFIRMATIVE ACTION



Review policies, procedures  
and EOAA contacts, as well  
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## Affirmative Action

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### Affirmative Action

Columbia University is committed to providing a working, learning and living environment free from discrimination, and harassment and to fostering a nurturing and vibrant community founded upon the fundamental dignity and worth of all of its members.

Under Executive Order 11246, the Office of Equal Opportunity and Affirmative Action (EOAA), on behalf of Columbia University, each year prepares and implements Affirmative Action Programs (AAPs) for the Morningside campus, the Medical Center and the Lamont-Doherty Earth Observatory. Columbia's programs include the cornerstones of effective Affirmative Action Programs: (1) equal opportunity, nondiscrimination and affirmative action policies which the University has established, implemented, and disseminated; (2) diagnostic procedures which allow the University to determine



## NOTICE TO BIDDERS

### **Minority- and Women-owned Business Enterprises, Locally-based Business Enterprises (M/W/LBEs) Non-Discrimination and Affirmative Action Requirements in Columbia University Construction**

#### **I. Policy**

Columbia University is fully committed to the well being and competitive strength of minority-, woman-owned and locally-based businesses and to provide maximum practicable opportunities in contracting for construction. This policy commitment is related directly to the maintenance of a strong and healthy free enterprise system, the goals of equal opportunity and diversity, and increasing the participation of qualified minority- and woman-owned and locally-based businesses working with the University. The University believes that the goal of assuring that a fair proportion of University construction contracts initiated by Columbia University Facilities are awarded to Minority-owned Business Enterprises (“MBEs”), Women-owned Business Enterprises (“WBEs”) and Locally based Business Enterprises (“LBEs”) is consistent with reasonable pricing and quality and prevailing law. This belief is best served by the employment of Contractors who do not discriminate against minority- and women-owned businesses in the awarding of construction subcontracts and which engage in substantive, honest and fair marketing outreach efforts to members of these traditionally disadvantaged groups of contractors.

It is the policy of the University to comply with all Federal, State and Local laws, policies, orders, rules and regulations which prohibit unlawful discrimination, to prohibit discrimination because of race, creed, color, national origin, gender, sexual orientation, age, disability or marital status, and to take affirmative action to ensure that Minority and Women-owned Business Enterprises, Locally-based Business Enterprises (M/W/LBEs), Minority Group Members, women and local area residents share in the economic opportunities generated by Columbia’s participation in projects or initiatives, and/or the use of Columbia funds.

As a Harlem-based institution, the University principally defines its “local” catchment area as those communities located in the zip codes that contain, in whole, or in part, the census tracts of the federally mandated New York Empowerment Zone (NYEZ). A listing of these zip codes is found in Section V.

In order to participate in contracting opportunities as an M/WBE, firms must be able to demonstrate that they are certified. Typically, certification by established governmental and quasi-governmental agencies is required and the University will rely on M/WBE certifications granted by specifically identified agencies or institutions in New York, New Jersey and Connecticut. Acceptable certifications are found in Section V.

## EXHIBIT E

An outline of the M/W/LBE Goals and Objectives, Non-Discrimination and Affirmative Action provisions and the reporting mechanisms that are required in Columbia University construction contracts follows.

### **II. Goals and Objectives**

Contractors entering into construction contracts with the University must meet these established goals and objectives:

#### **1. For Minority-, Women-Owned and Locally-based Business Enterprise participation**

- (a) The Contracting Party is required to provide maximum practicable opportunities to achieve an overall M/W/LBE participation of **35%** of the total dollar value of the Contract of which at least 20% of the total value of the contract should be Minority- and / or Women- owned firms certified by the New York Empire State Development (ESD).
- (b) The M/W/LBE participation in the performance of the work is expressed as a percentage of the contract price.
- (c) The total dollar value of the work performed by M/W/LBEs will be determined as:
  - (i) the dollar value of the work subcontracted to M/W/LBEs; (ii) where the Contractor is a joint venture, association, partnership or other similar entity including one or more M/W/LBEs, the contract price multiplied by the percentage of the entity's profits/losses which are to accrue to the M/W/LBE(s) under the Contractor's agreement; or (iii) where the M/W/LBE is the Contractor, the contract price.
- (d) The Contractor shall include, or cause to be included, the provisions of clauses (a) through (c) in every Contract that it enters into in order to fulfill its obligations under the Contract, in such a manner that such provisions will be binding upon each and every Contracting Party with respect to any Contract.

#### **2. For Minority, Female and Local Workforce Participation**

- (a) Contractor is required to provide maximum practicable opportunities to achieve overall participation of **40%** minority, female and local workforce in the work performed pursuant to Contracts entered into in connection with projects with an estimated value in excess of \$1 million, with a preference to maximize local participation.
- (b) The M/W/L workforce participation requirements are expressed as a percentage equal to the person hours of training and employment of minority, female or local workers, as the case may be, used by any Contractor, divided by the total person hours of training and employment of all workers (including supervisory personnel).

## EXHIBIT E

- (c) Contractor shall not participate in the transfer of minority, female or local employees or trainees from employer-to-employer or from project-to-project for the sole purpose of meeting the Contractor's obligations herein.
- (d) Contractor shall identify and employ qualified minority, female and local supervisory personnel and journey persons.
- (e) The non-working hours of trainees or apprentices may not be considered in meeting the requirements goals for M/W/L workforce participation contained herein unless: (i) such trainees or apprentices are employed by Contractor during the training period; (ii) the Contractor has made a commitment to employ the trainees or apprentices at the completion of their training, subject to the availability of employment opportunities; and (iii) the trainees are trained pursuant to an approved training program.
- (f) The Contractor shall include, or cause to be included, the provisions of clauses (a) through (e) in every Contract that it enters into in order to fulfill its obligations under the Contract, in such a manner that such provisions will be binding upon each and every Contractor with respect to any Contract.

### **3. Contractor Equal Opportunity Policy Statements**

All Contractors who are awarded construction contracts are required to comply with the University's non-discrimination and affirmative action policy and must agree to provide to Columbia University an equal employment opportunity policy statement that:

- (a) describes the Contractor's non-discrimination policies and practices
- (b) describes how the Contractor will undertake or continue existing programs of affirmative action
- (c) documents the Contractor's conscientious and active efforts to employ and utilize Minority Group Members and women in its workforce on Contracts.

In addition, upon request, Contractors shall request that each employment agency, labor union, or authorized representative of workers with whom it has a collective bargaining or other agreement or understanding, furnish a written statement that such employment agency, labor union, or representative does not unlawfully discriminate, and that such union or representative will affirmatively cooperate in the implementation of the Contractor's obligations herein.

### **4. Notice to Unions**

Where applicable, upon request, the Contractor shall promptly send written notification to its union representatives of its Equal Employment Opportunity obligations on this project and submit copies and mailing/fax receipts of these notices.

### **III. Contractor Reporting Requirements**

Contractors entering into construction contracts will be required to meet specific reporting and administrative requirements, must permit access to books, records and accounts with respect to the Contract by the University or where applicable, the Construction Manager.

#### **1. M/W/LBE Utilization Plans and M/W/LBE participation reporting**

Prior to the commencement of any construction work for Contracts with an estimated value in excess of \$100,000, where the work involves more than one trade, the Contractor (including M/W/LBE contractors) must prepare an M/W/LBE plan identifying how it intends to comply with the M/W/LBE goals. Subcontracting, partnering and joint venture methods will be scrutinized to ensure that the M/W/LBE is functioning as a true contributor to the business arrangement with its Construction Manager, General Contractor, consultant, trade contractors, supplier and vendors.

The plan must be broken down by individual contractors. In the initial stages of the construction work (prior to awards) a breakdown by trade is acceptable. On a monthly basis, the original utilization plan must be compared to a current plan that reflects changes due to the various awards and effects of change orders, as well as current spending (See Schedule M).

In order to ascertain compliance with the University's non-discrimination and affirmative action policy, Contractors and Construction Managers have to comply with the following reporting requirements:

##### **a. Tier Reporting Guidelines and Required Back up Documentation.**

The reporting criteria for construction spending to be used by contractors in meeting the University's M/W/LBE Goals and Objectives, Non-Discrimination and Affirmative Action provisions is as follows:

- First Tier (Construction Manager): reporting on Construction Manager spending (Fee, Insurance, General Conditions) is based on the CM designation.
- Second Tier: (Subcontractors & Suppliers): reporting is required and is based on the MWL/BE designation of each Subcontractor or Supplier.
- Third Tier: (Sub-Subcontractors & Suppliers to the Subcontractors): reporting is required even when second tier trades and suppliers are MWL/BE (Flow-down).
- No preferential designation in reporting for firms that have more than one designation is allowed. For example if a firm is both M and W it should be reported as MW.

## EXHIBIT E

- The Construction Manager must provide the name, EIN and address of the firm including zip code and all MW certifications for the Minority and Women owned firms.

**b. Construction Managers (Tier I)** are required to enter in Columbia's project management system (Unifier) all Bid Lists and Recommendations to Award (RTA's) for approval along with detail information for each Vendor recommended to be awarded a contract.

For each RTA the following information is required for each Vendor:

- Name of vendor
- Vendor EIN number (Federal ID number)
- Vendor address including Zipcode
- M/W/LBE Status
- Name of agency issuing the M/W/LBE certificate (all certificates should be uploaded in Unifier)
- Amount of recommended award.

In addition they must submit updated **Schedules M2 and M3** as an attachment to all their invoices, indicating the current utilization plan and spending for each Tier II vendor.

**c. Subcontractors & Suppliers (Tier 2)** must submit to the Construction Manager **Schedule M3** as an attachment to all their invoices, indicating their current utilization plan and spending for all MW/LBE and Non MW/ LBE Tier 3 vendors. The following information must be included for each vendor:

- Name of vendor
- Vendor EIN number(Federal ID number)
- Vendor address including Zipcode
- M/W/LBE Status
- Name of agency issuing the M/W/LBE certificate (all certificates must be attached)
- Amount of award and amount billed.

## 2. M/W/LBE workforce reporting

**For Projects with an estimated value in excess of \$1 million, in addition to the reporting requirements in section III paragraph 2 workforce reporting is required as follows:**

- Reporting on Workforce Participation is required down to the Third Tier based on individuals who work on the project.
- No preferential designation in reporting for individuals that have more than one designation is allowed. For example if an individual is both M and W they should be

## EXHIBIT E

reported as MW. The following MWL classifications are possible M, W, L, MW, ML, WL, MWL, Non-MWL

### **a. Construction Managers must submit the following:**

On a monthly basis, by the 20<sup>th</sup> of each month, the Construction Manager will verify that the data submitted by the Sub-Contractors (Tier 2 and 3) matches their supporting documentation and submit the information in the owners Project Management System (Unifier) along with all supporting documentation for approval by the Owner. **Sub-contractors (Tier 2) must submit electronically to the Construction Manager the following by the 15<sup>th</sup> of each month:**

- Owner issued spreadsheet that summarizes all workforce data.
- Single PDF with the certified payroll, weeks in chronological order.
- The information in the Excel Spreadsheet must precisely match the information as listed in the certified payroll.
- Only electronic submissions will be accepted.
- The following required information shall be included from, Tier 2 and Tier 3.
  - Vendor Name (all Vendors in Tree)
  - Vendor Address (all Vendors in Tree)
  - Vendor EIN (all Vendors in Tree)
  - Tier level (all Vendors in Tree)
  - Project Name
  - Full Name of Employee
  - Current Address including Zip Code
  - MWL status as defined in CU Policy. Record the following MWL classifications M, W, L, MW, ML, WL, MWL, Non-MWL.
- Daily work force reports.
- Payroll records with a certified Statement of Compliance.
- Certification letters for all apprentices employed at this project.

## **IV. Compliance Criteria and Sanctions for Non Compliance**

### **1. Compliance Evaluation Criteria Goals:**

In determining whether a Contractor has provided maximum practicable opportunities to achieve his or her firm's M/W/LBE utilization goal, the University will consider the actions and activities as described in section V, paragraph 6 "Good Faith Efforts". Furthermore, the following criteria will be used for applicable contract dollars paid to M/W/LBEs:

- a). Amounts paid by the Contractor to M/W/LBE subcontractors for providing goods and services specifically purchased in connection with the contract work.



## EXHIBIT E

- b). Amounts paid to M/W/LBE subcontractors that represent the percentage of the total profit to which the M/W/LBE subcontractor is entitled under an approved partnership or joint venture plan.
- c). Amounts paid to subcontractors which, in turn, have subcontracted to M/W/LBE subcontractors. Under this circumstance, the amounts paid to M/W/LBE subcontractors which are in turn paid to other M/W/LBE subcontractors (third parties) may be credited to the Contractor only once.
- d). In the event a firm satisfies the criteria for M/W/LBEs, the total amount paid to such firm may be credited only once.
- e). M/W/BE subcontractors must be certified and LBEs must be approved by the University for amounts paid to be credited.

### **2. Non-Compliance and Sanctions:**

In the event that any Contractor violates any of the provisions herein, the University may impose the following sanctions and remedies for non-compliance:

- (a) Summon the Contractor for a hearing with the University and where applicable Construction Manager.
- (b) After any such hearing, and a determination by the University or where applicable, Construction Manager, that the Contractor has failed to comply with any of these provisions, and the passage of time in which to remedy such failure has transpired, this Contract may be canceled, terminated or suspended, in whole or in part. Alternatively, the University or where applicable Construction Manager, in his/her sole discretion, may assess liquidated damages against the Contractor for failure to demonstrate its best efforts in complying with the affirmative action program. Liquidated damages may be assessed in an amount equal to one percent of the Contract value to compensate for the dollar value of Contracts that would have been realized by M/W/LBEs if the goals and objectives had been achieved.
- (c) If such an award is assessed against any Contractor, (i) the amount of such assessment may be withheld from any monies due to the Contractor by the University or where applicable Construction Manager or; (ii) may be paid to the University or Construction Manager by the Contractor that has been found to fail to comply with the affirmative action program. Any liquidated damages collected hereunder shall be paid into one or more M/W/LBE technical assistance funds administered by the University or Construction Manager.

- (d) Such sanctions that may be imposed and remedies invoked hereunder, shall be considered independent of, or in addition to, sanctions and remedies otherwise provided by law.

## **V. Definitions**

### **1. Affirmative Action**

Shall mean the actions to be undertaken by the Contractor in connection with any project to ensure non-discrimination and Minority-, Women-owned and Locally-based Business Enterprise and Minority, Female and Local workforce participation, as set forth in Sections II and III herein, and developed by Columbia University.

### **2. Contract**

Shall mean a written agreement or purchase order instrument, or amendment thereto, executed by or on behalf of a Contracting Party, providing for a total expenditure in excess of \$100,000, where the work is to be performed by more than one trade, for labor, services, supplies, equipment, materials or any combination of the foregoing, unless the Columbia University Facilities has granted a waiver based on a determination that the Contract involves specialty construction services (services of a unique and special nature for which there exists a limited number of qualified business entities employing a work force capable of performing such services, "Specialty Construction Services").

### **3. Contractor**

Shall mean a general contractor, construction manager, or subcontractor as applicable.

### **4. Tiers**

First Tier shall mean the Construction Manager. Second Tier shall mean the Subcontractors & Suppliers. Third Tier shall mean the Sub-Subcontractors & Suppliers to the Subcontractors.

### **5. Contracting Party**

Shall mean any Contractor, consultant, sub-consultant or vendor supplying goods or services, pursuant to a Contract in excess of \$100,000, unless the University has granted a waiver for Specialty Construction Services

### **6. Construction**

Shall be restricted to mean construction-related spending.

### **7. Good Faith Efforts – Minority, Women and Locally owned Business Enterprise Participation**

## EXHIBIT E

Contractor shall utilize their good faith efforts to achieve the required M/W/LBE participation goals and objectives. The role of M/W/LBE firms is not restricted to that of a subcontractor/sub-consultant, and where applicable, M/W/LBE firms should be considered for roles as prime contractors. For Contracts with an estimated value in excess of \$100,000 where the work involves more than one trade, such good faith efforts shall include at least the following:

- (a) Dividing the contract work into smaller portions in such a manner as to permit subcontracting to the extent that it is economically and technically feasible to do so;
- (b) Actively and affirmatively soliciting bids from qualified M/W/LBEs, including upon request circulation of solicitations to minority, women's and local trade associations. Contractor shall maintain records detailing the efforts made to provide for meaningful M/W/LBE participation in the work. Such record keeping must include the names and addresses of all M/W/LBEs contacted and, if an M/W/LBE is the low bidder and is not selected for such work or portion thereof, the reasons for such decision;
- (c) Making plans and specifications for prospective work available to M/W/LBEs in sufficient time for review;
- (d) Utilizing the services and cooperating with those organizations providing technical assistance to the Contracting Party in connection with potential M/W/LBE participation on the Contract;
- (e) Taking its own actions for extensive outreach, and utilizing the resources of Columbia University and where applicable the Construction Manager, to identify certified M/W/LBE firms on a trade-by-trade and tier-by-tier basis for the purpose of soliciting bids and subcontracts;
- (f) Encouraging the formation of joint ventures, associations, partnerships, or other similar entities, where appropriate, to ensure that the Contractor will meet its obligations herein.
- (g) Producing evidence that all M/W/L subcontractors have current and valid certifications;
- (h) Submitting documentation prior to the award of a subcontract substantiating Contractor's commitments in the utilization plan;
- (i) Conducting meetings with subcontractors to review compliance with the utilization plan and monthly reports; and
- (j) Remitting payment in a timely fashion.

### **8. Good Faith Efforts - Minority Group Member, Female and Local Workforce Participation**

## EXHIBIT E

Contractors shall utilize their good faith efforts to provide for meaningful Minority Group Member, Female and Local workforce participation. For projects with an estimated value in excess of \$1 million, good faith efforts shall include at least the following in connection with the work:

- (a) Ensure and maintain a working environment free of harassment, intimidation, and coercion at the premises. The Contractor shall specifically ensure that all foremen, superintendents, and other on-site supervisory personnel are aware of and carry out the obligation to maintain such a working environment, with specific attention to Minority Group Member, Female and Local individuals working at the premises;
- (b) State in all solicitations or advertisement for employees that all qualified applicants will receive consideration for employment without regard to race, creed, color, national origin, gender, sexual orientation, age disability or marital status;
- (c) Send to each labor union or representative of workers with which a collective bargaining agreement or understanding is in place, a notice advising the said labor union or workers representative of commitments under this Section, and post copies of the notice in conspicuous places available to employees and applicants for employment;
- (d) Establish and maintain a current list of Minority Group Member, Female and Local recruitment sources and community organizations, and provide written notification to them when employment opportunities are available. Maintain a record of the organizations' responses;
- (e) Maintain a current file of the name, address and telephone number of each Minority Group Member, Female and Local applicant and any referrals from a union, recruitment source, the University or community organization, and of the action taken with respect to each individual. If such individual was sent to the union hiring hall for referral and was not referred back by the union or, if referred, was not employed, this shall be documented in writing in the file with the reasons therefore; along with whatever additional actions the Contractor may have taken;
- (f) Assist and support the University in implementing pre-apprenticeship training programs such as the Edward J. Malloy Construction Skills Program, Helmets to Hard Hats, and Nontraditional Employment for Women;
- (g) Disseminate the Contractor's equal employment opportunity policy by providing notice of the policy to unions and training programs and requesting their cooperation in meeting its Equal Employment Opportunity obligations, by including it in any policy manual and collective bargaining agreement, by publicizing it in the company newspaper, annual report, and other similar items, by specific review of the policy with all management personnel and with all Minority Group Member, Female and Local employees at least once a year, and by posting the company Equal Employment Opportunity policy on bulletin boards accessible to all employees at each location where work is performed under this Contract;

- (h) Disseminate the Contractor's Equal Employment Opportunity policy externally by including it in any advertising in the news media, specifically including Minority Group Member, Female and Local news media, and providing written notification to and discussing the Equal Employment Opportunity policy with any Contractor with whom the Contractor does or anticipates doing business; and,
- (i) Ensure that all facilities and company activities are non-segregated except that separate or single-user toilets and necessary changing facilities shall be provided to assure privacy between the sexes.
- (j) Submit documentation prior to the award of a subcontract substantiating Contractor's commitments to workforce participation goals.
- (k) Conduct meetings with subcontractors to review compliance with the workforce participation goals and monthly reports.

#### **9. Local Workforce Group Member**

Shall mean a United States citizen or permanent resident alien who is and can demonstrate that they maintain a primary residence in one of the following United States Postal Service Zip Code areas: 10025, 10026, 10027, 10029, 10030, 10031, 10032, 10033, 10034, 10035, 10037, 10039, 10040, 10451, 10455, 10454, and 10474.

#### **10. Acceptable M/W/BE certifications**

The preferred certification for all firms awarded work on the Manhattanville project is the Empire State Development (ESD) certification. The M/WBE certifications accepted for firms working on the Manhattanville and all Columbia projects include:

- New York Empire State Development Corporation (ESD)
- New York City Department of Small Business Services (SBS)
- New York School Construction Authority (SCA)
- NY Metropolitan Transit Authority (MTA)
- Dormitory Authority of the State of New York (DASNY)
- Port Authority of New York/New Jersey (PANYNJ)
- Women's Business Enterprise National Council (WBENC) *WBE only*
- New York & New Jersey Minority Supplier Development Council (NYNJMSDC) *MBE only*
- Selected certifying agencies in other states as determined by a Columbia University waiver

### **11. Local Business Enterprise (“LBE”)**

As a Harlem-based institution, the University principally defines its “local” catchment area as those communities located in the zip codes that contain, in whole, or in part, the census tracts of the federally mandated New York Empowerment Zone (NYEZ). In Manhattan, this area is defined as Upper Manhattan, or all points north of 96th Street, river to river. The zip codes of Upper Manhattan are: 10025, 10026, 10027, 10029, 10030, 10031, 10032, 10033, 10034, 10035, 10037, 10039 and 10040. In the Bronx, this area is defined by the following zip codes: 10451, 10454, 10455 and 10474. A business enterprise, including a sole proprietorship, partnership or corporation is deemed to be local if they maintain a primary business address, or has a significant administrative business presence, in one of these zip codes.

### **12. Maximum Practicable Opportunity (MPO)**

Shall mean that a contractor or subcontractor must offer real opportunities to the maximum extent possible to M/W/LBEs to participate as subcontractors. If maximum opportunities are extended, then subcontracts to these concerns usually result. MPO means that a contractor should extend maximum opportunities to M/W/LBEs to bid on subcontracts, and, if appropriate, to award subcontracts to them. Meeting a numerical goal does not, by itself, mean that a contractor or subcontractor has provided MPO. Likewise, not meeting a goal does not necessarily mean that a contractor or subcontractor has not provided MPO.

### **13. Minority Business Enterprise (“MBE”)**

Shall mean a business enterprise authorized to do business in the State of New York and certified pursuant to section V as a minority-owned business enterprise.

### **14. Minority Group Member**

Shall mean a United States citizen or permanent resident alien who is and can demonstrate membership in one of the following groups: (i) Black persons having origins in any of the Black African racial groups; (ii) Hispanic persons of Mexican, Puerto Rican, Dominican, Cuban, Central or South American descent of either Indian or Hispanic origin, regardless of race; (iii) Asian and Pacific Islander persons having origins in any of the Far East countries, South East Asia, the Indian subcontinent or the Pacific Islands; and (iv) Native American or Alaskan native persons having origins in any of the original peoples of North America.

### **15. Women-owned Business Enterprise (“WBE”)**

Shall mean a business enterprise authorized to do business in the State of New York and is certified as a woman-owned business enterprise pursuant to section V.





September 19, 2018

[REDACTED]  
Columbia University - Facilities and Operations Department  
[REDACTED]

New York, NY 10027

**RE: Columbia Manhattanville Project/MWL Submissions**

Dear [REDACTED],

On behalf of Lendlease (US) Construction LMB Inc. ("Lendlease"), I confirm that the information in the schedule of the Minority/Women/Local-Owned Business Participation Utilization Plan is prepared based on documentation and information received from the trade contractors working on the Columbia University Manhattanville Project (the "Project").

Lendlease also confirms that it has, based on available information and representations from Columbia's trade contractors, provided to Columbia the required MWL documentation for Minority, Women-Owned and Locally-Based Business Enterprise participation as outlined in the EEO requirements in the Exhibit O - Notice to Bidders to Lendlease's Contract with Columbia for MWL compliance reporting. The documentation utilizes the Business Enterprise-Schedule of Minority/Women/Local-Owned Business Participation (Schedule M) as the primary source for MWL compliance reporting. The data generated from this source, which Lendlease submits quarterly to Columbia for analysis and approval, is used to produce quarterly summaries of spend. Lendlease distinguishes specialty and non-specialty construction in accordance with the contractual definitions utilized for payment requisition assembly.

Lendlease additionally confirms that it has, based on available information and representations from Columbia's trade contractors, provided to Columbia the required MWL documentation for Minority, Female and Local Workforce participation as outlined in the EEO requirements in Exhibit O - Notice to Bidders to Lendlease's Contract with Columbia for MWL compliance reporting. Lendlease continues to review the certified payroll submissions for Columbia's trade contractors to verify compliance with Columbia's guidelines for proper completion of workforce employee information (such as: name, address, zip code, gender and ethnicity).

If you have any questions or require additional information, please do not hesitate to contact me directly.

Sincerely,  
**Lendlease (US) Construction LMB Inc.**

A handwritten signature in black ink, appearing to read "R. Esposito", is written over a circular stamp or seal.

**Ralph J. Esposito, President**

# SKANSKA

Skanska USA Building Inc.  
Columbia University  
University Forum Project  
659 West 131<sup>st</sup> Street  
New York, NY 10027

September 28, 2018

[REDACTED]  
Columbia University  
[REDACTED]  
[REDACTED]  
New York, NY 10027

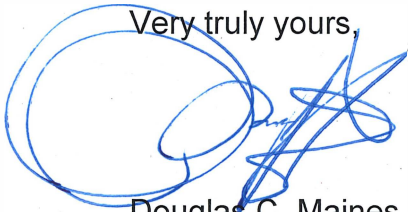
RE: Columbia University Manhattanville MWL Certification  
The Forum Project  
Quarter Ending June 2018

Dear [REDACTED]

On behalf of Skanska USA, I hereby certify that the information as noted on the schedules for the Minority/Women/Local-owned Business Participation Utilization Plan, is generated from documents received from the contractors working on the Columbia University Manhattanville, Forum Project.

If you have any questions or require additional information, please let me know.

Very truly yours,



Douglas C. Maines  
Project Director  
Skanska USA

cc: C. Viola (Skanska); D. Licciardi (Skanska)

# VELEZ

ORGANIZATION

September 28, 2018

[REDACTED]  
Columbia University Facilities and Operations

[REDACTED]  
New York, NY 10027

RE: Columbia Manhattanville MWL Certification

Dear [REDACTED]

The Velez Organization certifies that we have, to the best of our ability, provided to Columbia and Skanska the required MWL documentation for Minority, Women-Owned and Locally-based Business Enterprise participation as outlined in the EEO requirements in Exhibit P of the Columbia Manhattanville notice to bidders/contract, for MWL compliance reporting.

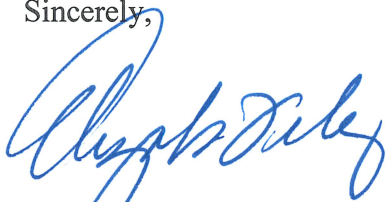
The documentation utilizes the following primary source for MWL compliance reporting: Business Enterprise-Schedule of Minority/Women/Local Owned Business Participation (Schedule M). The data from this source is used to produce monthly reports which Velez submits to Columbia and Skanska for analysis and approval. In these monthly reports, Velez distinguishes specialty and non-specialty construction in accordance with the project definitions utilized by Skanska for payment requisition assembly.

Velez additionally certifies that we have, to the best of our ability, provided to Columbia and Skanska the required MWL documentation for Minority, Female and Local Workforce participation as outlined in the EEO requirements in Exhibit P of the Columbia Manhattanville notice to bidders/contract, for MWL compliance reporting. Velez has reviewed the certified

61 Broadway – Suite 1915, New York, New York 10006  
Phone: 212.684.5500 Fax: 212.684.5516

payroll submissions for on-site trade contractors, to verify compliance with Columbia guidelines for proper completion of workforce employee information (such as: name, address, zip code, gender and ethnicity).

Sincerely,



Elizabeth Velez  
President,  
The Velez Organization



Turner Construction Company  
375 Hudson Street, 6<sup>th</sup> Floor  
New York, NY 10014

September 17, 2018

[REDACTED]  
Columbia University - Facilities and Operations Department  
[REDACTED]  
New York, NY 10027

**RE: 4<sup>th</sup> Quarter Report for  
Columbia Manhattanville Project/MWL Submissions**

Dear [REDACTED]

On behalf of Turner Construction Company, as the agent for the Owner, I confirm to the best of my knowledge and information that the information in the schedule of the Minority/Women/Local Owned Business ("MWLOB") Participation Utilization Plan is prepared based on documentation and information received from the trade contractors working on the Columbia University Manhattanville Project.

Turner, as the Owner's agent, further confirms that it has, based on available information and representations from Columbia's trade contractors, provided to Columbia the required MWL documentation for Minority, Women-owned and locally-based Business Enterprise participation as outlined in the EEO requirements in the Exhibit E. Notice to Bidders to Turner Construction contract with Columbia for MWL compliance reporting. The documentation utilizes the business Enterprise Schedule of Minority Women Local-Owned Business Participation (Schedule E) as the primary source for MWL compliance reporting. The data generated from this source, which Turner Construction submits quarterly to Columbia for analysis and approval, is used to produce quarterly summaries of spend.

Turner additionally confirms as the Owner's agent it has, based on available information and representations from Columbia's trade contractors, provided to Columbia the required MWL documentation for Minority, Female and Local Workforce participation as outlined in the EEO requirements in Exhibit E. Notice to bidders to Turner contract with Columbia for MWL compliance reporting. Turner continues to review the certified payroll submissions for Columbia's trade contractors to verify compliance with Columbia's guidelines for proper completion of workforce employee information (such as: name, address, zip code, gender and ethnicity).

If you have any questions or require additional information, please do not hesitate to contact me directly.

Sincerely,

Stephanie V. Burns  
Vice President, Community & Citizenship

# Non-Specialty Construction

Date: 06/30/2018



## **Reporting Period Summary Notes**

Manhattanville Project Reporting period: 8/1/2008 – 06/30/2018

During the reporting period there are currently eight projects comprising the Non-Specialty construction portion of the Manhattanville project. They are all in progress with starting periods as early as 1/3/2008, with payments starting in August 2008. The Shared Services spending is allocated to each individual project.

The Non-Specialty report package has cumulative and quarterly summaries of workforce hours and spending (backed by Schedule Ms). There are three types of Schedule Ms (indicated in the upper right corner of the forms):

- Schedule M1s are for firms paid directly by Columbia University
- Schedule M2s are for payments made by a firm directly paid by Columbia University (typically the Construction Manager)
- Schedule M3s are firms paid by a firm found on the preceding Schedule M2

## **Non-Specialty Project Reporting Periods**

Project Name	Project Start	Status	Page #
Utilities Improvement	1/3/2008	In Progress	4-9
Abatement & Demolition Project	9/1/2009	In Progress	10-21
Jerome L. Greene Science Center	2/28/2011	In Progress	22-50
EPA Clean Diesel	5/1/2009	Project Completed 11/2011	51-52
Open Space	7/10/2013		53-59
Lenfest	12/1/2013	In Progress	60-76
University Forum	12/1/2015	In Progress	77-89
Phase 2 Below Grade	10/1/2016	In Progress	90-99
Columbia Business School	1/1/2018	In Progress	100-106
Shared Services	2/4/2010	In Progress	107-109

**Manhattanville MWL Workforce and Spending Summary**  
**Cumulative: Aug 1, 2008 to June 30, 2018**  
(Excluding Specialty Construction)

Construction Spending: CU Goal = 35%

Project	M		W		L		MW		ML		WL		MWL		Total MWL		Non-MWL		Total Spend	Total L
	\$	% <sup>1</sup>	\$	% <sup>1</sup>	\$	% <sup>1</sup>	\$	% <sup>1</sup>	\$	% <sup>1</sup>	\$	% <sup>1</sup>	\$	% <sup>1</sup>	\$	% <sup>1</sup>	\$	% <sup>1</sup>	\$	\$
Utilities Improvement	\$ -	0%	\$ 21,944	0%	\$ 28,894,115	86%	\$ 585,271	2%	\$ -	0%	\$ -	0%	\$ 597,070	2%	\$ 30,098,400	89%	\$ 3,676,165	11%	\$ 33,774,565	\$ 29,491,185
* Abatement & Demolition	\$ 2,038,169	8%	\$ 1,220,978	5%	\$ 214,614	1%	\$ 1,092,071	4%	\$ 57,811	0%	\$ 214,401	1%	\$ 576,692	2%	\$ 5,414,736	21%	\$ 19,814,741	79%	\$ 25,229,477	\$ 1,063,518
* Jerome L. Greene Science Center	\$ 49,119,249	12%	\$ 44,974,858	11%	\$ 12,687,924	3%	\$ 2,851,814	1%	\$ -	0%	\$ 58,035	0%	\$ 6,947,337	2%	\$ 116,639,217	28%	\$ 300,420,092	72%	\$ 417,059,309	\$ 19,693,296
EPA Clean Diesel	\$ -	0%	\$ -	0%	\$ -	0%	\$ -	0%	\$ -	0%	\$ -	0%	\$ -	0%	\$ -	0%	\$ 613,907	100%	\$ 613,907	\$ -
* Open Space	\$ 916,708	6%	\$ 565,123	4%	\$ 313,846	2%	\$ 54,195	0%	\$ -	0%	\$ -	0%	\$ 122,067	1%	\$ 1,971,939	12%	\$ 14,070,059	88%	\$ 16,041,998	\$ 435,913
* Lenfest	\$ 3,199,432	4%	\$ 6,167,946	9%	\$ 1,629,111	2%	\$ 226,668	0%	\$ -	0%	\$ -	0%	\$ 1,530,262	2%	\$ 12,753,419	18%	\$ 58,579,700	82%	\$ 71,333,119	\$ 3,159,373
* University Forum	\$ 8,894,460	15%	\$ 3,940,328	7%	\$ 1,781,922	3%	\$ 1,132,357	2%	\$ -	0%	\$ -	0%	\$ 8,095	0%	\$ 15,757,162	27%	\$ 42,979,532	73%	\$ 58,736,694	\$ 1,790,017
* Phase 2 Below Grade	\$ 384,975	0%	\$ 1,790,986	1%	\$ 86,892,075	60%	\$ 101,285	0%	\$ -	0%	\$ 5,621	0%	\$ 846,278	1%	\$ 90,021,220	63%	\$ 53,934,576	37%	\$ 143,955,796	\$ 87,743,974
* Columbia Business School	\$ -	0%	\$ 3,363,126	40%	\$ 6,092	0%	\$ 24,500	0%	\$ -	0%	\$ -	0%	\$ -	0%	\$ 3,393,718	40%	\$ 5,052,995	60%	\$ 8,446,713	\$ 6,092
<b>Total</b>	<b>\$ 64,552,993</b>		<b>\$ 62,045,289</b>		<b>\$ 132,419,699</b>		<b>\$ 6,068,161</b>		<b>\$ 57,811</b>		<b>\$ 278,057</b>		<b>\$ 10,627,801</b>		<b>\$ 276,049,811</b>	<b>36%</b>	<b>\$ 499,141,767</b>	<b>64%</b>	<b>\$ 775,191,578</b>	<b>\$ 143,383,368</b>
<b>% of Total Spending<sup>1</sup></b>	<b>8%</b>		<b>8%</b>		<b>17%</b>		<b>1%</b>		<b>0%</b>		<b>0%</b>		<b>1%</b>						<b>100%</b>	<b>18%</b>

Non-Specialty Projects Excluding CM Spend	M		W		L		MW		ML		WL		MWL		Total MWL		Non-MWL		Total Spend	Total L
	\$	% <sup>1</sup>	\$	% <sup>1</sup>	\$	% <sup>1</sup>	\$	% <sup>1</sup>	\$	% <sup>1</sup>	\$	% <sup>1</sup>	\$	% <sup>1</sup>	\$	% <sup>1</sup>	\$	% <sup>1</sup>	\$	\$
<b>Total</b>	<b>\$64,127,075</b>		<b>\$62,045,289</b>		<b>\$132,419,699</b>		<b>\$5,489,969</b>		<b>\$57,811</b>		<b>\$278,057</b>		<b>\$4,627,394</b>		<b>\$269,045,294</b>	<b>42%</b>	<b>\$377,219,562</b>	<b>58%</b>	<b>\$646,264,856</b>	<b>\$137,382,961</b>
<b>% of Total Spending<sup>1</sup></b>	<b>10%</b>		<b>10%</b>		<b>20%</b>		<b>1%</b>		<b>0%</b>		<b>0%</b>		<b>1%</b>						<b>100%</b>	<b>21%</b>

<sup>1</sup> Denotes percentages of the individual MWL designation to the total spending

\* Denotes active project

MWL Spending	# of Firms	Total Spending	% of Total MWL Spending	% of Total Spending	% of Total Excluding CM Spending
ESD Certified Firms	107	\$ 132,238,070	48%	17%	19%
Local Firms	31	\$ 132,419,699	48%	17%	20%
Firms With Other Certification	21	\$ 11,392,042	4%	1%	2%
<b>Total MWL</b>	<b>159</b>	<b>\$ 276,049,811</b>	<b>100%</b>	<b>36%</b>	<b>42%</b>

Workforce Hours : CU Goal = 40%

Non-Specialty Projects	M		W		L		MW		ML		WL		MWL		Total MWL			Non-MWL			Total Hours			Total L			Headcount				
	Hrs	%²	Hrs	%²	Hrs	%²	Hrs	%²	Hrs	%²	Hrs	%²	Hrs	%²	Hrs	%²	Hrs	%²	Hrs	%²	Hrs	%²	Hrs	%²	#	%²	#	%²	Total		
Utilities Improvement	15,126	16%	203	0%	0	0%	0	0%	8,053	8%	0	0%	0	0%	23,382	24%	72,083	76%	95,465	8,053	57	24%	182	76%	239						
Abatement & Demolition	70,491	60%	16	0%	122	0%	5,724	5%	9,080	8%	0	0%	0	0%	85,433	73%	31,884	27%	117,317	9,202	260	72%	101	28%	361						
Jerome L. Greene Science Center	502,503	32%	6,546	0%	10,389	1%	16,684	1%	47,382	3%	1,225	0%	8,280	1%	593,008	38%	973,184	62%	1,566,191	67,276	1,168	42%	1,593	58%	2,761						
EPA Clean Diesel (No Workforce - Equipment Supplies)	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0	0%	0	0%	0						
Open Space	19,121	51%	0	0%	0	0%	0	0%	280	1%	0	0%	0	0%	19,401	51%	18,438	49%	37,839	280	99	52%	90	48%	189						
Lenfest	88,213	36%	1,418	1%	1,352	1%	2,235	1%	4,545	2%	0	0%	126	0%	97,889	40%	148,272	60%	246,160	6,023	306	40%	450	60%	756						
University Forum	91,991	59%	170	0%	8	0%	1,366	1%	5,848	4%	0	0%	310	0%	99,691	64%	55,557	36%	155,248	6,165	359	52%	329	48%	688						
Phase 2 Below Grade	96,077	34%	2,363	1%	368	0%	2,258	1%	2,991	1%	0	0%	0	0%	104,056	36%	181,710	64%	285,765	3,359	262	38%	432	62%	694						
Shared Services - Lend Lease US Construction LMB³	92,640	32%	2,939	1%	13,996	5%	19,956	7%	49,345	17%	0	0%	2,537	1%	181,413	63%	107,940	37%	289,353	65,878	133	42%	182	58%	315						
Shared Services - Johnson Security³	137,721	59%	0	0%	2,042	1%	28,840	12%	51,813	22%	0	0%	10,608	5%	231,024	99%	2,956	1%	233,981	64,463	280	98%	7	2%	287						
Shared Services - Eddington Security³	110,679	76%	0	0%	0	0%	304	0%	35,032	24%	0	0%	0	0%	146,015	100%	8	0%	146,023	35,032	167	99%	1	1%	168						
Total Hours % of Total Hours²	1,224,562 39%		13,654 0%		28,276 1%		77,365 2%		214,368 7%		1,225 0%		21,860 1%		1,581,310 50%		1,592,030 50%		3,173,341 100%	265,730 8%	3,091 48%		3,367 52%		6,458 100%						

<sup>1</sup> Denotes percentages of the individual MWL designation to the total spending

<sup>2</sup> Denotes percentages of the individual MWL designation to the total workforce hours or total headcount

<sup>3</sup> Security workforce hours apply to all projects and reported by vendor in a shared services project

\* Denotes active project

(Note: May include changes to prior periods)

**Manhattanville MWL Workforce and Spending Summary**  
**Quarter: April 1, 2018 to June 30, 2018**  
(Excluding Specialty Construction)

Construction Spending: CU Goal = 35%

Non-Specialty Projects	M		W		L		MW	ML	WL	MWL	Total MWL	Non-MWL	Total Spend	Total L
	\$	% <sup>1</sup>	\$	% <sup>1</sup>	\$	% <sup>1</sup>	\$	% <sup>1</sup>	\$	% <sup>1</sup>	\$	% <sup>1</sup>	\$	\$
Utilities Improvement	\$ -	0%	\$ -	0%	\$ -	0%	\$ -	0%	\$ -	0%	\$ -	0%	\$ -	\$ -
* Abatement & Demolition	\$ -	0%	\$ -	0%	\$ -	0%	\$ (14,355)	0%	\$ -	0%	\$ 45,983	0%	\$ -	\$ 45,983
* Jerome L. Greene Science Center	\$ (19,259)	-1%	\$ 1,529,443	46%	\$ 179,284	5%	\$ -	0%	\$ -	0%	\$ 11,702	0%	\$ 3,291,226	\$ 190,986
EPA Clean Diesel	\$ -	0%	\$ -	0%	\$ -	0%	\$ -	0%	\$ -	0%	\$ -	0%	\$ -	\$ -
* Open Space	\$ 22,546	3%	\$ -	0%	\$ 2,958	0%	\$ -	0%	\$ -	0%	\$ 706	0%	\$ 764,555	\$ 3,664
* Lenfest	\$ 142,669	5%	\$ 323,131	12%	\$ 108,473	4%	\$ -	0%	\$ -	0%	\$ 3,548	0%	\$ 2,627,248	\$ 112,021
* University Forum	\$ 3,284,456	22%	\$ 560,840	4%	\$ 199,169	1%	\$ 63,202	0%	\$ -	0%	\$ 1,450	0%	\$ 14,946,266	\$ 200,619
* Phase 2 Below Grade	\$ 384,975	2%	\$ 169	0%	\$ 9,719,126	49%	\$ -	0%	\$ -	0%	\$ 191,746	1%	\$ 19,971,104	\$ 9,910,872
* Columbia Business School	\$ -	0%	\$ 3,362,516	48%	\$ 2,358	0%	\$ 11,713	0%	\$ -	0%	\$ -	0%	\$ 7,065,000	\$ 2,358
<b>Total % of Total Spending<sup>1</sup></b>	<b>\$ 3,815,387</b>	<b>8%</b>	<b>\$ 5,776,099</b>	<b>12%</b>	<b>\$ 10,211,368</b>	<b>21%</b>	<b>\$ 60,560</b>	<b>0%</b>	<b>\$ -</b>	<b>0%</b>	<b>\$ 255,135</b>	<b>1%</b>	<b>\$ 48,665,399</b>	<b>\$ 10,466,503</b>
											<b>41%</b>	<b>59%</b>	<b>100%</b>	<b>22%</b>

Workforce Hours : CU Goal = 40%

Non-Specialty Projects	M		W		L		MW	ML	WL	MWL	Total MWL	Non-MWL	Total Hours	Total L	Headcount			
	Hrs	% <sup>2</sup>	Hrs	% <sup>2</sup>	Hrs	% <sup>2</sup>	Hrs	% <sup>2</sup>	Hrs	% <sup>2</sup>	Hrs	% <sup>2</sup>	Hrs	Hrs	Total MWL	Non-MWL	Total	Total
Utilities Improvement	4	1%	3	1%	0	0%	0	0%	0	0%	0	0%	0	0	7	3%	232	11
* Abatement & Demolition	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0	0%	0	0
* Jerome L. Greene Science Center	398	34%	183	16%	0	0%	0	0%	0	0%	0	0%	0	0	581	50%	588	8
EPA Clean Diesel (No Workforce - Equipment Supplies)	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0	0%	0	0
* Open Space	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0	0%	0	0
* Lenfest	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0	0%	0	0
* University Forum	18,192	70%	0	0%	0	0%	494	2%	683	3%	0	0%	186	869	19,555	75%	6,346	190
* Phase 2 Below Grade	21,310	42%	750	1%	0	0%	559	1%	771	2%	0	0%	0	771	23,388	46%	27,396	254
* Shared Services - Lend Lease US Construction LMB <sup>3</sup>	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0	0%	0	0
* Shared Services - Johnson Security <sup>3</sup>	3,987	54%	0	0%	0	0%	743	10%	1,818	25%	0	0%	784	2,602	7,332	100%	12	34
* Shared Services - Eddington Security <sup>3</sup>	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0	0%	0	0
<b>Total Hours % of Total Hours<sup>2</sup></b>	<b>43,890</b>	<b>51%</b>	<b>935</b>	<b>1%</b>	<b>0</b>	<b>0%</b>	<b>1,796</b>	<b>2%</b>	<b>3,271</b>	<b>4%</b>	<b>0</b>	<b>0%</b>	<b>970</b>	<b>4,241</b>	<b>50,862</b>	<b>40%</b>	<b>85,436</b>	<b>497</b>
														<b>5%</b>	<b>60%</b>	<b>40%</b>	<b>100%</b>	<b>56%</b>

<sup>1</sup> Denotes percentages of the individual MWL designation to the total spending

<sup>2</sup> Denotes percentages of the individual MWL designation to the total workforce hours or total headcount

<sup>3</sup> Security workforce hours apply to all projects and reported by vendor in a shared services project

\* Denotes active project

(Note: May include changes to prior periods)

# Utilities Improvement Project

*(No substitutions may be made on this submission except by prior written approval by Owner)*

<b>Owner Name:</b>	Columbia University	<b>Project:</b> Utilities Improvement
<b>Address:</b>	410 West 118th Street, NY, NY 10027	<b>Telephone:</b>
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b> 1/3/2008 <sup>1</sup>
		<b>Project End:</b> In Progress

OWNER						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Columbia University	NON	No	Owner			\$ 14,402

[illegible]

*(No substitutions may be made on this submission except by prior written approval by Owner)*

<b>Owner Name:</b>	Columbia University	<b>Project:</b> Utilities Improvement
<b>Address:</b>	410 West 118th Street, NY, NY 10027	<b>Telephone:</b>
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b> 1/3/2008 <sup>1</sup>
		<b>Project End:</b> In Progress

OWNER						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Columbia University	NON	No	Owner			\$ 33,760,163

[illegible]



## Schedule M2

<b>Company Name:</b>	Lend Lease	<b>Project:</b> Utilities Improvement
<b>Trade:</b>	Construction Management	<b>Contract:</b>
<b>Address:</b>	622 West 132nd, 2nd fl, New York, NY 10027	<b>Telephone:</b> 212-939-9580
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b> 1/3/2008 <sup>1</sup> <b>Project End:</b> In Progress

COMPANY (Tier I)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Lend Lease	NON	No	Construction Management	\$ 26,364,500	\$ 34,501,633	\$ 33,760,163

<b>SUBCONTRACTORS (Tier II)</b>							
Name/Address/Phone # (if available) otherwise enter Trade	MWL Designation	Joint Venture?	Trade	Awarded?	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
<b>MWL:</b>							
Eddington Security Inc	MW-ESD	No	Security	Yes	\$ -	\$ 7,079	\$ 7,079
Egg Electric Inc	W-ESD	No	Electrical	Yes	\$ 21,931	\$ 21,931	\$ 21,931
Felix Associates LLC	L	No	Utilities	Yes	\$ 13,205,245	\$ 14,912,282	\$ 14,912,281
MFM Contracting Corp	L	No	Utilities	Yes	\$ 13,150,000	\$ 13,966,897	\$ 13,966,896
Pearlgreen	L	No	Building Supplies	Yes	\$ -	\$ 804	\$ 804
The McKissack Group Inc	MW-ESD	No	Construction Management	Yes	\$ -	\$ 578,192	\$ 578,192
The McKissack Group Inc	MWL-ESD	No	Construction Management	Yes	\$ -	\$ 385,484	\$ 385,484
The McKissack Group Inc	MWL-ESD	No	Construction Management	Yes	\$ -	\$ 211,586	\$ 211,586
<b>NON:</b>							
Moretrench American Corp	NON	No	Fire Safety	Yes	\$ 287,950	\$ 287,950	\$ 287,950
Nicholson Construction	NON	No	Excavation	Yes	\$ 434,950	\$ 274,950	\$ 274,950
Rael Automatic Sprinkler	NON	No	Dewatering	Yes	\$ 5,603	\$ 5,603	\$ 5,603
<b>Tier II Grand Total</b>					<b>\$ 27,105,679</b>	<b>\$ 30,652,758</b>	<b>\$ 30,652,756</b>
<b>MWL Tier II Total</b>					<b>\$ 26,377,176</b>	<b>\$ 30,084,253</b>	<b>\$ 30,084,253</b>
<b>Non-MWL Tier II Total</b>					<b>\$ 728,503</b>	<b>\$ 568,503</b>	<b>\$ 568,503</b>
<b>MWL % of Tier I</b>					<b>100%</b>	<b>87%</b>	<b>89%</b>

If there is no Original Plan then vendors were paid on an as-needed basis or vendors were contracted after the Original Plan

<sup>1</sup> Billing begins on 8/1/2008

**<sup>1</sup> Billing begins on 8/1/2008**  
Date: 06/30/2018

GC/CM:	Lend Lease
Date Range:	8/1/2008 - 06/30/2018
As of :	09/07/2018

## Utilities Improvement SCHEDULE OF WORKFORCE PARTICIPATION

Tier	Contractor															Headcount											
		M		W		L		MW		ML		WL		MWL		Total MWL		Non-MWL		Total Hours		Total MWL		Non-MWL		Total	
		Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	#	% <sup>1</sup>	#	% <sup>1</sup>	#	
Tier I (Direct)	Lend Lease US Construction LMB Construction Management	0	0%	0	0%	0	0%	0	0%	88	3%	0	0%	0	0%	88	3%	3,406	97%	3,494	2	50%	2	50%	4		
Tier II	MFM Contracting Corp Utility Work	5,706	16%	3	0%	0	0%	0	0%	3,694	10%	0	0%	0	0%	9,402	26%	26,540	74%	35,942	25	20%	97	80%	122		
	Felix Associates LLC Utility Work	9,051	17%	200	0%	0	0%	0	0%	4,272	8%	0	0%	0	0%	13,522	25%	41,203	75%	54,725	21	24%	67	76%	88		
	Moretrench American Corp Dewatering	370	28%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	370	28%	934	72%	1,304	9	36%	16	64%	25		
Total Hours		15,126		203		0		0		8,053		0		0		23,382		72,083		95,465	57		182		239		
Overall % of Total		16%		0%		0%		0%		8%		0%		0%		24%		76%		100%	24%		76%		100%		

\* Denotes active contractors

<sup>1</sup> Denotes percentages of the individual MWL designation to the total workforce hours or total headcount

Contractor	Start	End
MFM Contracting Corp	3/28/2011	In progress
Felix Associates LLC	9/28/2009	5/29/2011
Moretrench American Corp	1/13/2008	10/25/2008

GC/CM:	Lend Lease
Date Range:	04/01/2018 - 06/30/2018
As of :	09/07/2018

## Utilities Improvement SCHEDULE OF WORKFORCE PARTICIPATION

Tier	Contractor												Headcount												
		M		W		L		MW		ML		WL		MWL		Total MWL	Non-MWL	Total Hours	Total MWL	Non-MWL	Total				
		Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	#	% <sup>1</sup>	#	% <sup>1</sup>	#		
Tier I (Direct)	Lend Lease US Construction LMB Construction Management	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0%	0		
Tier II	MFM Contracting Corp Utility Work	4	1%	3	1%	0	0%	0	0%	0	0%	0	0%	0	0%	7	3%	232	97%	239	2	18%	9	82%	11
	Felix Associates LLC Utility Work	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0%	0		
	Moretrench American Corp Dewatering	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0%	0		
Total Hours		4		3		0		0		0		0		0		7		232		239	2		9		11
Overall % of Total		1%		1%		0%		0%		0%		0%		0%		3%		97%		100%	18%		82%		100%

\* Denotes active contractors

<sup>1</sup> Denotes percentages of the individual MWL designation to the total workforce hours or total headcount

# Abatement & Demolition Project

*(No substitutions may be made on this submission except by prior written approval by Owner)*

Owner Name:	Columbia University	Project:	Abatement & Demolition
Address:	410 West 118th Street, NY, NY 10027	Telephone:	
As of Date:	06/30/2018	Project Start:	9/1/2009
		Project End:	In Progress

DIRECT SPEND VENDORS (Tier I)							
Name/Address/Phone # (if available) otherwise enter Trade	MWL Designation	Joint Venture?	Trade	Awarded?	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
MWL:							
Absolute Plumbing & Heating Corp	L	No	Plumbing	Yes	\$ -	\$ 4,483	\$ 4,483
Black Widow Termite & Pest Control Corp	W-ESD	No	Pest Control	Yes	\$ -	\$ 2,238	\$ 2,238
Clancy Cullen Storage Co Inc	W-ESD	No	Storage	Yes	\$ -	\$ 48,245	\$ 48,245
First Choice Mechanical Inc	M-ESD	No	Mechanical	Yes	\$ -	\$ 5,796	\$ 5,796
Innovative Building Solutions LLC	MW-ESD	No	General Contractor	Yes	\$ -	\$ 25,069	\$ 25,069
Izzo Construction Corp	WL-ESD	No	General Contractor	Yes	\$ -	\$ 13,163	\$ 13,163
PSEC Plumbing & Heating Co Inc	L	No	Plumbing Contractor	Yes	\$ -	\$ 1,295	\$ 1,295
SMR Contracting Corp	L	No	General Contractor	Yes	\$ -	\$ 4,086	\$ 4,086
Titan Plumbing & Heating LLC	L	No	Plumbing Contractor	Yes	\$ -	\$ 18,130	\$ 18,130
Twins Electric Corp	L	No	Electrical Contractor	Yes	\$ -	\$ 31,423	\$ 31,423
NON:							
Abbey Locksmiths Inc	NON	No	Doors & Windows	Yes	\$ -	\$ 4,308	\$ 4,308
Access Control Technologies Inc	NON	No	Electrical Contractor	Yes	\$ -	\$ 1,120	\$ 1,120
Affiliated Environmental Serv. (AES)	NON	No	Environmental Services	Yes	\$ -	\$ 1,950	\$ 1,950
Degmor Inc	NON	No	Asbestos Removal	Yes	\$ -	\$ 400	\$ 400
G & K Services Co	NON	No	Uniforms	Yes	\$ -	\$ 344	\$ 344
Gotham Waterproofing	NON	No	Contractor	Yes	\$ -	\$ 46,640	\$ 46,640
Inst Recycling Network	NON	No	Specialities	Yes	\$ -	\$ 74,935	\$ 74,935
JC Duggan Inc	NON	No	Moving	Yes	\$ -	\$ 45,750	\$ 45,750
Northstar Mechanical Inc	NON	No	Mechanical	Yes	\$ -	\$ 7,800	\$ 7,800
Omega Laboratories	NON	No	Air Quality	Yes	\$ -	\$ 3,065	\$ 3,065
Pro Roll Inc	NON	No	Doors & Windows	Yes	\$ -	\$ 8,554	\$ 8,554
William Hird & Co Inc	NON	No	Specialities	Yes	\$ -	\$ 415	\$ 415

Direct Spend Grand Total	\$ -	\$ 349,209	\$ 349,209
MWL Direct Spend Total	\$ -	\$ 153,928	\$ 153,928
Non-MWL Direct Spend Total	\$ -	\$ 195,281	\$ 195,281
MWL % of Total	0%	44%	44%

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*(No substitutions may be made on this submission except by prior written approval by Owner)*

<b>Owner Name:</b>	Columbia University	<b>Project:</b> Abatement & Demolition
<b>Address:</b>	410 West 118th Street, NY, NY 10027	<b>Telephone:</b>
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b> 9/1/2009
		<b>Project End:</b> In Progress

OWNER						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Columbia University	NON	No	Owner			\$ 24,880,268

[illegible]

Date: 06/30/2018

## Schedule M2

<b>Company Name:</b>	Lend Lease	<b>Project:</b>	Abatement & Demolition
<b>Trade:</b>	Construction Management	<b>Contract:</b>	
<b>Address:</b>	622 West 132nd, 2nd fl, New York, NY 10027	<b>Telephone:</b>	212-939-9580
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b>	9/1/2009
		<b>Project End:</b>	In Progress

COMPANY (Tier I)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Lend Lease	NON	No	Construction Management	\$ 4,491,955	\$ 25,730,418	\$ 24,880,268

[illegible]

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## Schedule M3

*(No substitutions may be made on this submission except by prior written approval by Owner)*

<b>CM Name:</b>	Lend Lease		
<b>Company Name:</b>	Breeze National Inc		<b>Project:</b> Abatement & Demolition
<b>Trade:</b>	General Contracting		<b>Contract:</b>
<b>Address:</b>	622 West 132nd, 2nd fl, New York, NY 10027		<b>Telephone:</b> 212-939-9580
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b> 9/24/2011	<b>Project End:</b> 3/22/2012

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Breeze National Inc	NON	No	General Contracting	\$ 4,729,000	\$ 4,529,596	\$ 4,529,596

[illegible]

Date: 06/30/2018



## Schedule M3

*(No substitutions may be made on this submission except by prior written approval by Owner)*

<b>CM Name:</b>	Lend Lease	
<b>Company Name:</b>	Par Environmental Corp	<b>Project:</b> Abatement & Demolition
<b>Trade:</b>	General Contracting	<b>Contract:</b> Areas 1A & 1B
<b>Address:</b>	622 West 132nd, 2nd fl, New York, NY 10027	<b>Telephone:</b> 212-939-9580
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b> 9/1/2009 <b>Project End:</b> 1/12/2011

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Par Environmental Corp	NON	No	General Contracting	\$ 1,818,000	\$ 1,818,183	\$ 1,818,183

<b>SUBCONTRACTORS (Tier III)</b>							
<b>Name/Address/Phone # (if available) otherwise enter Trade</b>	<b>MWL Designation</b>	<b>Joint Venture?</b>	<b>Trade</b>	<b>Awarded?</b>	<b>Original Plan Amount \$'s</b>	<b>Current Plan Amount (incl CO's) \$'s</b>	<b>Total Payment to Date \$'s</b>
MWL:							
Expedite-Dem Inc	MW-ESD	No	Sidewalk Bridge & Scaffold	Yes	\$ -	\$ 126,400	\$ 126,400
Marguerite Connelly Your Expediter Inc	W-ESD	No	Expeditor	Yes	\$ 50,000	\$ 17,610	\$ 17,610
Pearlgreen	L	No	Building Supplies	Yes	\$ 30,000	\$ 11,246	\$ 11,246
Metropolitan Enterprises Inc, DBA Target Scaffolding	M-ESD	No	Scaffolding	Yes	\$ 163,000	\$ 282,192	\$ 282,192
A Royal Flush	L	No	Temporary Toilets	Yes	\$ 8,000	\$ 5,804	\$ 5,804
Petroscan Ltd	W-ESD	No	Fuel/Diesel	Yes	\$ -	\$ 870	\$ 870
Atlas Equipment Rentals	L	No	Equipment Supplier	Yes	\$ -	\$ 10,234	\$ 10,234
Safety & Quality Plus Inc	W-ESD	No	Safety	Yes	\$ -	\$ 30,000	\$ 30,000
Pestrol Inc	ML	No	Vectoring	Yes	\$ -	\$ 15,000	\$ 15,000
JEG Inc	M-ESD	No	Recycle/Waster Removal	Yes	\$ 100,000	\$ 16,093	\$ 16,093
Coral Management	L	No	Material Supplier	Yes	\$ -	\$ 6,526	\$ 6,526
Sienna Environmental Technologies LLC	MW-ESD	No	Material Supplier	Yes	\$ -	\$ 6,892	\$ 6,892
Adco Electrical Corp	W-ESD	No	Utility Supplier	Yes	\$ -	\$ 50,000	\$ 50,000
					Tier III Grand Total	\$ 351,000	\$ 578,867 \$ 578,867
					MWL Tier III Total	\$ 351,000	\$ 578,867 \$ 578,867
					Non-MWL Tier III Total	\$ -	\$ - \$ -
					MWL % of Tier II	19%	32% 32%

Date: 06/30/2018

## Schedule M3

<b>CM Name:</b>	Lend Lease		
<b>Company Name:</b>	Par Environmental Corp	<b>Project:</b> Abatement & Demolition	
<b>Trade:</b>	General Contracting	<b>Contract:</b> Areas 2, 4 & 5	
<b>Address:</b>	622 West 132nd, 2nd fl, New York, NY 10027	<b>Telephone:</b> 212-939-9580	
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b> 12/1/2009	<b>Project End:</b> 10/1/2011

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Par Environmental Corp	NON	No	General Contracting	\$ 7,100,000	\$ 7,100,000	\$ 7,100,000

[illegible]

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## Schedule M3

<b>CM Name:</b>	Lend Lease	
<b>Company Name:</b>	Par Environmental Corp	<b>Project:</b> Abatement & Demolition
<b>Trade:</b>	General Contracting	<b>Contract:</b> Areas 7 (Site 28) & 8
<b>Address:</b>	622 West 132nd, 2nd fl, New York, NY 10027	<b>Telephone:</b> 212-939-9580
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b> 10/11/2012 <b>Project End:</b> In Progress

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Par Environmental Corp	NON	No	General Contracting	\$ 2,627,000	\$ 2,571,570	\$ 2,492,972

[illegible]

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## Schedule M3

*(No substitutions may be made on this submission except by prior written approval by Owner)*

<b>CM Name:</b>	Lend Lease	
<b>Company Name:</b>	Par Environmental Corp	<b>Project:</b> Abatement & Demolition
<b>Trade:</b>	General Contracting	<b>Contract:</b> Area 9a
<b>Address:</b>	622 West 132nd, 2nd fl, New York, NY 10027	<b>Telephone:</b> 212-939-9580
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b> 11/30/2012 <b>Project End:</b> In Progress

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Par Environmental Corp	NON	No	General Contracting	\$ 560,750	\$ 593,259	\$ 587,326

[illegible]

Date: 06/30/2018

## Schedule M3

*(No substitutions may be made on this submission except by prior written approval by Owner)*

<b>CM Name:</b>	Lend Lease	
<b>Company Name:</b>	Par Environmental Corp	<b>Project:</b> Abatement & Demolition
<b>Trade:</b>	General Contracting	<b>Contract:</b> Area 0
<b>Address:</b>	622 West 132nd, 2nd fl, New York, NY 10027	<b>Telephone:</b> 212-939-9580
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b> 11/30/2012 <b>Project End:</b> In Progress

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Par Environmental Corp	NON	No	General Contracting	\$ 1,317,500	\$ 1,300,000	\$ 1,267,032

[illegible]

Date: 06/30/2018

GC/CM:	Lend Lease
Date Range:	8/1/2008 - 06/30/2018
As of :	09/07/2018

## Abatement and Demolition SCHEDULE OF WORKFORCE PARTICIPATION

Tier	Contractor												Headcount												
		M		W		L		MW		ML		WL		MWL		Total MWL	Non-MWL	Total Hours	Total MWL	Non-MWL	Total				
		Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	#	% <sup>1</sup>	#	% <sup>1</sup>	#			
Tier I (Direct)	Lend Lease US Construction LMB Construction Management	185	3%	0	0%	0	0%	0	0%	2,628	43%	0	0%	0	0%	2,813	46%	3,309	54%	6,122	5	38%	8	62%	13
Tier II	Breeze National Inc Demo & Abatement Contractor	11,338	56%	0	0%	122	1%	336	2%	2,817	14%	0	0%	0	0%	14,613	72%	5,774	28%	20,386	73	66%	38	34%	111
	Par Environmental Corp Demo & Abatement Contractor	58,736	66%	16	0%	0	0%	5,388	6%	3,371	4%	0	0%	0	0%	67,511	76%	21,356	24%	88,867	179	80%	46	20%	225
	Deerpath Construction Corp Demo & Abatement Contractor	232	12%	0	0%	0	0%	0	0%	265	14%	0	0%	0	0%	497	26%	1,446	74%	1,943	3	25%	9	75%	12
Total Hours		70,491		16		122		5,724		9,080		0		0		85,433		31,884		117,317	260		101		361
Overall % of Total		60%		0%		0%		5%		8%		0%		0%		73%		27%		100%	72%		28%		100%

\* Denotes active contractors

<sup>1</sup> Denotes percentages of the individual MWL designation to the total workforce hours or total headcount

Contractor	Start	End
Breeze National Inc	9/17/2009	3/28/2012
Par Environmental Corp	10/5/2009	In Progress
Deerpath Construction Corp	9/16/2009	7/13/2010

GC/CM:	Lend Lease
Date Range:	04/01/2018 - 06/30/2018
As of :	09/07/2018

## Abatement and Demolition SCHEDULE OF WORKFORCE PARTICIPATION

Tier	Contractor												Headcount														
		M		W		L		MW		ML		WL		MWL		Total MWL		Non-MWL		Total Hours		Total MWL		Non-MWL		Total	
		Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	#	% <sup>1</sup>	#	% <sup>1</sup>	#	% <sup>1</sup>
Tier I (Direct)	Lend Lease US Construction LMB Construction Management	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
Tier II	Breeze National Inc Demo & Abatement Contractor	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Par Environmental Corp Demo & Abatement Contractor	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Deerpath Construction Corp Demo & Abatement Contractor	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
Total Hours		0		0		0		0		0		0		0		0		0		0		0		0		0	
Overall % of Total		0%		0%		0%		0%		0%		0%		0%		0%		0%		0%		0%		0%		0%	

\* Denotes active contractors

<sup>1</sup> Denotes percentages of the individual MWL designation to the total workforce hours or total headcount

# Jerome L. Greene Science Center Project



**SCHEDULE OF MINORITY/WOMEN/LOCAL OWNED BUSINESS PARTICIPATION UTILIZATION PLAN**

*(No substitutions may be made on this submission except by prior written approval by Owner)*

**Schedule M1**

<b>Owner Name:</b>	Columbia University	<b>Project:</b>	Jerome L. Greene Science Center
<b>Address:</b>	410 West 118th Street, NY, NY 10027	<b>Telephone:</b>	
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b>	2/28/2011
		<b>Project End:</b>	In Progress

OWNER						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Columbia University	NON	No	Owner			\$ 7,803,323

DIRECT SPEND VENDORS (Tier I)							
Name/Address/Phone # (if available) otherwise enter Trade	MWL Designation	Joint Venture?	Trade	Awarded?	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
MWL:							
Absolute Plumbing & Heating Corp	L	No	Plumbing	Yes	\$ -	\$ 10,896	\$ 10,896
Black Widow Termite & Pest Control	W-ESD	No	Pest Control	Yes	\$ -	\$ 1,550	\$ 1,550
CitiStructure	M-ESD	No	General Contractor	Yes	\$ -	\$ 290,392	\$ 290,392
Clancy Cullen Moving & Storage Co Inc	W	No	Moving & Relocation	Yes	\$ -	\$ 1,214	\$ 1,214
Crown Sign Systems Inc	W-ESD	No	Signage	Yes	\$ -	\$ 1,145	\$ 1,145
Doumas Electric Inc	L	No	Electrical	Yes	\$ -	\$ 8,995	\$ 8,995
Gamma Cleaning Concepts Inc	MW-ESD	No	Cleaning	Yes	\$ -	\$ 110,210	\$ 110,210
Green Girl Printing and Messenger Inc	W	No	Printing Service	Yes	\$ -	\$ 99,060	\$ 99,060
Izzo Construction Corp	WL-ESD	No	General Contractor	Yes	\$ -	\$ 35,945	\$ 35,945
King Rose of NY Inc	L	No	General Contractor	Yes	\$ -	\$ 238,826	\$ 238,826
Mama's Contracting Corp	WL-ESD	No	General Contractor	Yes	\$ -	\$ 22,090	\$ 22,090
MFM Contracting Corp	L	No	Telecommunications Conduit Installation	Yes	\$ -	\$ 41,938	\$ 41,938
Platinum Electric Service Inc	L	No	Electrical	Yes	\$ -	\$ 3,067	\$ 3,067
Scrub Clean Maintenance Corp	MWL-ESD	No	Cleaning	Yes	\$ -	\$ 16,505	\$ 16,505
Titan Plumbing & Heating LLC	L	No	Construction Management	Yes	\$ -	\$ 1,846	\$ 1,846
Watsons Plumbing and Heating	L	No	Plumbing	Yes	\$ -	\$ 644	\$ 644
NON:							
275 Technology Solutions dba Safeway Fire & Protection	NON	No	Safeway Fire - Monitoring	Yes	\$ -	\$ 4,893	\$ 4,893
Abbey Locksmiths Inc	NON	No	Doors & Windows	Yes	\$ -	\$ 990	\$ 990
Action Carting Environmental Serv	NON	No	Debris Removal	Yes	\$ -	\$ 1,047	\$ 1,047
Advance Relocation & Storage	NON	No	General Contractor	Yes	\$ -	\$ 410,375	\$ 410,375
Airvel Airconditioning Coporation	NON	No	Mechanical	Yes	\$ -	\$ 3,630	\$ 3,630
Aquaneering Inc	NON	No	Materials & Equipment	Yes	\$ -	\$ 19,923	\$ 19,923
Bear Communications Inc	NON	No	AV/Cable/Telecom	Yes	\$ -	\$ 68,605	\$ 68,605
BH Inc	NON	No	Materials & Equipment	Yes	\$ -	\$ 151,998	\$ 151,998
Bioquell Inc	NON	No	Decontamination Services	Yes	\$ -	\$ 119,089	\$ 119,089
Braker Biospin Corp	NON	No	Supplier	Yes	\$ -	\$ 4,019,530	\$ 4,019,530
Carl Zeiss Microscopy LLC	NON	No	Moving & Relocation	Yes	\$ -	\$ 19,123	\$ 19,123
Central Moving & Storage Co	NON	No	UWPA Suppliers	Yes	\$ -	\$ 42,644	\$ 42,644
Coherent Inc	NON	No	Materials & Equipment	Yes	\$ -	\$ 5,306	\$ 5,306
Cryostar Industries Inc	NON	No	Scale Repair	Yes	\$ -	\$ 674	\$ 674
Dancker Sellow & Douglas	NON	No	Furniture	Yes	\$ 62,809	\$ 62,809	\$ 62,809
Engineer Supply	NON	No	Supplies	Yes	\$ -	\$ 182	\$ 182
Fibergrate Composite Structures Inc	NON	No	Flooring Resilient Tile	Yes	\$ -	\$ 21,484	\$ 21,484
Formulatrix Inc	NON	No	Materials & Equipment	Yes	\$ -	\$ 600,192	\$ 600,192
Frames Animal Transportation	NON	No	Moving & Relocation	Yes	\$ -	\$ 40,850	\$ 40,850

# SCHEDULE OF MINORITY/WOMEN/LOCAL OWNED BUSINESS PARTICIPATION UTILIZATION PLAN

(No substitutions may be made on this submission except by prior written approval by Owner)

Schedule M1

<b>Owner Name:</b>	Columbia University	<b>Project:</b>	Jerome L. Greene Science Center
<b>Address:</b>	410 West 118th Street, NY, NY 10027	<b>Telephone:</b>	
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b>	2/28/2011
		<b>Project End:</b>	In Progress

OWNER						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Columbia University	NON	No	Owner			\$ 7,803,323

DIRECT SPEND VENDORS (Tier I)							
Name/Address/Phone # (if available) otherwise enter Trade	MWL Designation	Joint Venture?	Trade	Awarded?	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
NON:							
HB Communications Inc	NON	No	AV/Cable/Telecom	Yes	\$ -	\$ 50,289	\$ 50,289
Hellman Construction Co Inc	NON	No	General Contractor	Yes	\$ -	\$ 28,541	\$ 28,541
I.H. Weiss Co Ltd (Town House Specialty Cleaning Co	NON	No	Cleaning	Yes	\$ -	\$ 424	\$ 424
JWEISS LLC	NON	No	Supplier	Yes	\$ -	\$ 73,170	\$ 73,170
Kewaunee Scientific Corporation	NON	No	Lab Furniture	Yes	\$ -	\$ 58,290	\$ 58,290
LBG Enterprises LLC	NON	No	Supplier	Yes	\$ -	\$ 155,487	\$ 155,487
Long Island Scientific	NON	No	Moving & Relocation	Yes	\$ -	\$ 17,460	\$ 17,460
Marathon Equipment Company (Delware)	NON	No	Equipment	Yes	\$ -	\$ 84,747	\$ 84,747
Mortech Manufacturing	NON	No	Supplier	Yes	\$ -	\$ 7,196	\$ 7,196
Newport Corp	NON	No	Materials & Equipment	Yes	\$ -	\$ 46,202	\$ 46,202
Pacific Bio-Material Management Inc	NON	No	Appliances	Yes	\$ -	\$ 293,650	\$ 293,650
Par-Kut International Inc	NON	No	Guard Service / Watchman	Yes	\$ -	\$ 5,797	\$ 5,797
PBM LLC	NON	No	Cleaning	Yes	\$ -	\$ 5,417	\$ 5,417
Precision Micro Inc	NON	No	Moving & Relocation	Yes	\$ -	\$ 6,220	\$ 6,220
Psychology Software Tools Inc	NON	No	Materials & Equipment	Yes	\$ -	\$ 2,500	\$ 2,500
Pureaire Monitoring Systems Inc	NON	No	Materials & Equipment	Yes	\$ -	\$ 29,707	\$ 29,707
Rise Vision USA LLC	NON	No	Equipment	Yes	\$ -	\$ 4,944	\$ 4,944
Scientific Equipment Product Service	NON	No	Moving & Relocation	Yes	\$ -	\$ 7,450	\$ 7,450
Siemens Industry Inc	NON	No	HVAC	Yes	\$ -	\$ 89,497	\$ 89,497
SOS Locksmith Corp	NON	No	Doors & Windows	Yes	\$ -	\$ 192,910	\$ 192,910
StarCom Communications Service	NON	No	Telecommunication	Yes	\$ -	\$ 7,642	\$ 7,642
Star Draperies Inc	NON	No	Window Treatment	Yes	\$ -	\$ 26,540	\$ 26,540
Steris Corp	NON	No	Supplier	Yes	\$ -	\$ 66,506	\$ 66,506
Technical Digital Services	NON	No	Digital Services	Yes	\$ -	\$ 180	\$ 180
Tecniplast USA	NON	No	Supplier	Yes	\$ -	\$ 24,981	\$ 24,981
The Sign Works Inc	NON	No	Signage	Yes	\$ -	\$ 5,909	\$ 5,909
Valley City MFG	NON	No	Furniture	Yes	\$ 34,000	\$ 34,000	\$ 34,000

If there is no Original Plan then vendors were paid on an as-needed basis or vendors were contracted after the Original Plan

<b>Direct Spend Grand Total</b>	<b>\$ 96,809</b>	<b>\$ 7,803,323</b>	<b>\$ 7,803,323</b>
<b>MWL Direct Spend Total</b>	<b>\$ -</b>	<b>\$ 884,323</b>	<b>\$ 884,323</b>
<b>Non-MWL Direct Spend Total</b>	<b>\$ 96,809</b>	<b>\$ 6,919,000</b>	<b>\$ 6,919,000</b>
<b>MWL % of Total</b>	<b>0%</b>	<b>11%</b>	<b>11%</b>

Date: 06/30/2018

*(No substitutions may be made on this submission except by prior written approval by Owner)*

<b>Owner Name:</b>	Columbia University	<b>Project:</b>	Jerome L. Greene Science Center
<b>Address:</b>	410 West 118th Street, NY, NY 10027	<b>Telephone:</b>	
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b>	2/28/2011
		<b>Project End:</b>	In Progress

OWNER						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Columbia University	NON	No	Owner			\$ 408,866,360

[illegible]

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*(No substitutions may be made on this submission except by prior written approval by Owner)*

<b>Owner Name:</b>	Columbia University	<b>Project:</b>	Jerome L. Greene Science Center Synapse
<b>Address:</b>	410 West 118th Street, NY, NY 10027	<b>Telephone:</b>	
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b>	2/28/2011
		<b>Project End:</b>	In Progress

OWNER						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Columbia University	NON	No	Owner			\$ 389,626

[illegible]

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**SCHEDULE OF MINORITY/WOMEN/LOCAL OWNED BUSINESS PARTICIPATION UTILIZATION PLAN**

*(No substitutions may be made on this submission except by prior written approval by Owner)*

**Schedule M2**

<b>Company Name:</b>	Lend Lease	<b>Project:</b>	Jerome L. Greene Science Center
<b>Trade:</b>	Construction Management	<b>Contract:</b>	
<b>Address:</b>	622 West 132nd, 2nd fl, New York, NY 10027	<b>Telephone:</b>	212-939-9580
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b>	2/28/2011
		<b>Project End:</b>	In Progress

<b>COMPANY (Tier I)</b>						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Lend Lease	NON	No	Construction Management	\$ 6,722,424	\$ 445,313,393	\$ 408,866,360

<b>SUBCONTRACTORS (Tier II)</b>							
Name/Address/Phone # (if available) otherwise enter Trade	MWL Designation	Joint Venture?	Trade	Awarded?	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
MWL:							
Cardoza Plumbing	M-ESD	No	Plumbing	Yes	\$ -	\$ 19,795,144	\$ 19,794,972
Cassone Leasing Inc	W-ESD	No	Security	Yes	\$ -	\$ 1,835	\$ 1,835
Celtic Sheetmetal Inc	W-ESD	No	HVAC-Sheetmetal	Yes	\$ -	\$ 1,876,397	\$ 919,884
Creative Construction	M-ESD	No	Safety Equipment	Yes	\$ -	\$ 2,942,310	\$ 2,942,310
Creative Construction	M-ESD	No	Drywall	Yes	\$ -	\$ 74,045	\$ 68,492
Eddington Security Inc	MW-ESD	No	Security	Yes	\$ -	\$ 1,291,131	\$ 1,291,131
EJ/Egg Electric JV - (Egg Electric Inc)	W-ESD	Yes	Electrical	Yes	\$ -	\$ 2,144,384	\$ 2,144,044
EJ/Egg Electric JV - (Egg Electric Inc)	W-ESD	Yes	Clear & Prep Site	Yes	\$ -	\$ 23,614	\$ 23,614
Elite Interiors Systems Inc	L	No	Drywall	Yes	\$ -	\$ 10,631,103	\$ 10,556,165
Elite Interiors Systems Inc	L	No	Resilient Flooring & Base	Yes	\$ -	\$ 4,594	\$ 4,135
Fine Painting & Decorating Company Inc	M-ESD	No	Intumescent Painting	Yes	\$ -	\$ 3,229,976	\$ 3,213,922
Fine Painting & Decorating Company Inc	M-ESD	No	Paint & Coatings	Yes	\$ -	\$ 2,333,454	\$ 2,295,315
Giachetti Plumbing	L	No	Plumbing	Yes	\$ -	\$ 20,887	\$ 20,887
Johnson Security Bureau Inc	MWL-ESD	No	Security	Yes	\$ -	\$ 1,494,461	\$ 1,494,461
Metropolitan Enterprises Inc	M	No	Scaffolding	Yes	\$ -	\$ 907,328	\$ 541,541
MFM Contracting Corp	L	No	Utilities	Yes	\$ -	\$ 83,333	\$ 77,077
MFM Contracting Corp	L	No	Electrical	Yes	\$ -	\$ 2,977	\$ 2,680
Morell Brown Corp	MWL-ESD	No	Spray Fireproofing	Yes	\$ -	\$ 1,379,934	\$ 1,379,934
New York Concrete	W-ESD	No	Concrete	Yes	\$ -	\$ 482,707	\$ 482,707
The McKissack Group Inc	MWL-ESD	No	Construction Management	Yes	\$ -	\$ 4,056,437	\$ 4,056,437
NON:							
A Liss & Company Inc	NON	No	Toilet Partitions	Yes	\$ -	\$ 114,060	\$ 114,060
B&G Electrical Contractors of NY	NON	No	Electrical	Yes	\$ -	\$ 17,009,948	\$ 17,009,428
Bauerschmidt & Sons Inc	NON	No	Millwork	Yes	\$ -	\$ 5,418,876	\$ 5,418,876
Champion Metal & Glass Inc	NON	No	Ornamental Metal	Yes	\$ -	\$ 1,644,213	\$ 1,603,297
Champion Metal & Glass Inc	NON	No	Glass & Glazing	Yes	\$ -	\$ 1,006,114	\$ 1,001,743
Cives Corp	NON	No	Superstructure Steel	Yes	\$ -	\$ 31,550,568	\$ 31,550,568
Eagle One Roofing Contractors Inc	NON	No	Roofing	Yes	\$ -	\$ 2,776,430	\$ 2,745,454
EJ/Egg Electric JV - (EJ Electric)	NON	Yes	Electrical	Yes	\$ -	\$ 3,216,576	\$ 3,216,067
EJ/Egg Electric JV - (EJ Electric)	NON	Yes	Clear & Prep Site	Yes	\$ -	\$ 35,420	\$ 35,420
Elite Floors Inc	NON	No	Resilient Flooring & Base	Yes	\$ -	\$ 1,211,301	\$ 1,211,301
Five Star Electric Corp	NON	No	Electrical	Yes	\$ -	\$ 20,801,178	\$ 19,957,548
Forest Electric	NON	No	Electrical	Yes	\$ -	\$ 36,134,792	\$ 35,673,989
Fresh Meadow Mechanical Corp	NON	No	HVAC Systems	Yes	\$ -	\$ 678,094	\$ 671,369
Handi-Lift Elevator LLC	NON	No	Elevators	Yes	\$ -	\$ 122,863	\$ 122,863

**SCHEDULE OF MINORITY/WOMEN/LOCAL OWNED BUSINESS PARTICIPATION UTILIZATION PLAN**

*(No substitutions may be made on this submission except by prior written approval by Owner)*

Schedule M2

<b>Company Name:</b>	Lend Lease	<b>Project:</b>	Jerome L. Greene Science Center
<b>Trade:</b>	Construction Management	<b>Contract:</b>	
<b>Address:</b>	622 West 132nd, 2nd fl, New York, NY 10027	<b>Telephone:</b>	212-939-9580
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b>	2/28/2011
		<b>Project End:</b>	In Progress

<b>COMPANY (Tier I)</b>						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Lend Lease	NON	No	Construction Management	\$ 6,722,424	\$ 445,313,393	\$ 408,866,360

<b>SUBCONTRACTORS (Tier II)</b>							
Name/Address/Phone # (if available) otherwise enter Trade	MWL Designation	Joint Venture?	Trade	Awarded?	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
NON:							
Hi Tech Data Floors Inc	NON	No	Raised Access Flooring	Yes	\$ -	\$ 786,302	\$ 786,302
H.S.E. System Inc	NON	No	Hoist / Bridges / Scaffold	Yes	\$ -	\$ 19,259	\$ 19,259
Intricate Construction	NON	No	Clear & Prep Site	Yes	\$ -	\$ 36,948	\$ 36,663
Island Acoustics	NON	No	Drywall	Yes	\$ -	\$ 16,276,467	\$ 15,991,332
Island Acoustics	NON	No	Fire Protection Systems	Yes	\$ -	\$ 120,000	\$ 98,349
Jantile Inc	NON	No	Ceramic Tile	Yes	\$ -	\$ 2,269,407	\$ 2,269,407
M Tucker A Division of Singer NY LLC	NON	No	Food Service Equipent	Yes	\$ -	\$ 147,572	\$ 147,572
McKeon Door East	NON	No	Overhead Doors	Yes	\$ -	\$ 891,273	\$ 885,737
MW Mechanical Inc	NON	Yes	Mechanical	Yes	\$ -	\$ 62,109,269	\$ 59,722,121
Navillus Tile Inc	NON	No	Polished Concrete	Yes	\$ -	\$ 360,842	\$ 315,185
Navillus Tile Inc	NON	No	Masonry	Yes	\$ -	\$ 3,317,203	\$ 3,190,168
Nets That Work	NON	No	Safety Equipment	Yes	\$ -	\$ 444,519	\$ 444,519
Otis Elevator Company	NON	No	Elevators	Yes	\$ -	\$ 3,869,033	\$ 3,446,571
PAL Environmental Safety Corp	NON	No	Spray Fireproofing	Yes	\$ -	\$ 691,497	\$ 691,497
Platinum Terrazzo	NON	No	Resilient Flooring & Base	Yes	\$ -	\$ 4,289,742	\$ 4,027,552
Post Road Iron Works	NON	No	Metal Work	Yes	\$ -	\$ 4,093,049	\$ 4,093,049
Rael Automatic Sprinkler	NON	No	Dewatering	Yes	\$ -	\$ 6,617,522	\$ 6,157,496
RCC Concrete Corp	NON	No	Above Grade Concrete	Yes	\$ -	\$ 10,064,686	\$ 9,969,019
Siemens Industry Inc	NON	No	HVAC Systems	Yes	\$ -	\$ 14,888,782	\$ 14,149,874
Siemens Industry Inc	NON	No	Electrical	Yes	\$ -	\$ 48,904	\$ 20,491
Skanska	NON	No	Clear & Prep Site	Yes	\$ -	\$ 437,827	\$ 437,827
Trystate Mechanical Inc	NON	No	HVAC Systems	Yes	\$ -	\$ 42,306	\$ 42,306
Unifor	NON	No	Glass and Glazing	Yes	\$ -	\$ 4,975,517	\$ 4,590,377
United Drilling & Cutting Corp	NON	No	Clear & Prep Site	Yes	\$ -	\$ 135,259	\$ 95,608
Universal Builders Supply	NON	No	Hoist	Yes	\$ -	\$ 2,589,702	\$ 2,589,742
Universal Services Group	NON	No	Resilient Flooring & Base	Yes	\$ -	\$ 511,499	\$ 511,499
Walters LLC	NON	No	Metal Stairs	Yes	\$ -	\$ 6,071,083	\$ 5,745,018
WDF Inc	NON	No	HVAC Systems	Yes	\$ -	\$ 29,160,593	\$ 27,646,995
WDF Inc	NON	No	Drywall	Yes	\$ -	\$ 8,150	\$ 6,634
WDF Inc	NON	No	Plumbing	Yes	\$ -	\$ 4,170	\$ 3,127
Winsafe Corp	NON	No	Window Washing Equipment	Yes	\$ -	\$ 271,870	\$ 271,870
					<b>Tier II Grand Total</b>	<b>\$ 350,046,736</b>	<b>\$ 340,046,692</b>
					<b>MWL Tier II Total</b>	<b>\$ 52,776,051</b>	<b>\$ 51,311,543</b>
					<b>Non-MWL Tier II Total</b>	<b>\$ 297,270,685</b>	<b>\$ 288,735,149</b>
					<b>MWL % of Tier I</b>	<b>0%</b>	<b>13%</b>

*If there is no Original Plan then vendors were paid on an as-needed basis or vendors were contracted after the Original Plan*

Date: 06/30/2018

## Schedule M2

<b>Company Name:</b>	Lend Lease	<b>Project:</b> Jerome L. Greene Science Center Synapse
<b>Trade:</b>	Construction Management	<b>Contract:</b>
<b>Address:</b>	622 West 132nd, 2nd fl, New York, NY 10027	<b>Telephone:</b> 212-939-9580
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b> 2/28/2011
		<b>Project End:</b> In Progress

COMPANY (Tier I)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Lend Lease	NON	No	Construction Management	\$ -	\$ -	\$ 389,626

[illegible]

Date: 06/30/2018

## Schedule M3

*(No substitutions may be made on this submission except by prior written approval by Owner)*

<b>CM Name:</b>	Lend Lease		
<b>Company Name:</b>	Cives Corp	<b>Project:</b>	Jerome L. Greene Science Center
<b>Trade:</b>	Structural Steel	<b>Contract:</b>	
<b>Address:</b>	8 Church Street, Gouverneur, NY 13642	<b>Telephone:</b>	315-287-2200
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b>	2/28/2011
		<b>Project End:</b>	In Progress

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (Incl CO's) \$'s	Total Payment to Date \$'s
Cives Corp	NON	No	Structural Steel	\$ 28,270,835	\$ 31,550,568	\$ 31,550,568

[illegible]

Date: 06/30/2018



### Schedule M3

*(No substitutions may be made on this submission except by prior written approval by Owner)*

<b>CM Name:</b>	Lend Lease	
<b>Company Name:</b>	RCC Concrete Corp	<b>Project:</b> Jerome L. Greene Science Center
<b>Trade:</b>	Cement & Concrete Construction	<b>Contract:</b>
<b>Address:</b>	74 State Street, 2nd Floor Westbury, New York 11590	<b>Telephone:</b> 516-279-6787
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b> 10/10/2012 <b>Project End:</b> In Progress

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
RCC Concrete Corp	NON	No	Cement & Concrete Construction	\$ 6,643,000	\$ 10,064,686	\$ 9,969,019

[illegible]

Date: 06/30/2018

## Schedule M3

*(No substitutions may be made on this submission except by prior written approval by Owner)*

<b>CM Name:</b>	Lend Lease	
<b>Company Name:</b>	MW Mechanical Inc	<b>Project:</b> Jerome L. Greene Science Center
<b>Trade:</b>	HVAC	<b>Contract:</b>
<b>Address:</b>	622 West 132nd Street, New York, NY 10027	<b>Telephone:</b> 718-961-6634
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b> 2/25/2013 <b>Project End:</b> In Progress

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
MW Mechanical Inc	NON	Yes	HVAC	\$ 55,975,000	\$ 62,109,269	\$ 59,722,121

[illegible]

Date: 06/30/2018

## Schedule M3

*(No substitutions may be made on this submission except by prior written approval by Owner)*

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Five Star Electric Corp	NON	No	Electrical	\$ 20,315,665	\$ 20,801,178	\$ 19,957,548

[illegible]

Tier III Grand Total	\$ 7,110,483	\$ 4,654,200	\$ 3,788,277
MWL Tier III Total	\$ 7,110,483	\$ 4,654,200	\$ 3,788,277
Non-MWL Tier III Total	\$ -	\$ -	\$ -
MWL % of Tier II	35%	22%	19%

Date: 06/30/2018

## Schedule M3

<b>CM Name:</b>	Lend Lease		
<b>Company Name:</b>	Otis Elevator Company	<b>Project:</b>	Jerome L. Greene Science Center
<b>Trade:</b>	Elevators	<b>Contract:</b>	
<b>Address:</b>	One Odell Plaza, Suite 120, Yonkers, NY 10701	<b>Telephone:</b>	973-575-3107
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b>	4/20/2012
		<b>Project End:</b>	In Progress

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (Incl CO's) \$'s	Total Payment to Date \$'s
Otis Elevator Company	NON	No	Elevators	\$ 3,900,000	\$ 3,869,033	\$ 3,446,571

[illegible]

Date: 06/30/2018

### Schedule M3

*(No substitutions may be made on this submission except by prior written approval by Owner)*

<b>CM Name:</b>	Lend Lease	
<b>Company Name:</b>	WDF Inc	<b>Project:</b> Jerome L. Greene Science Center
<b>Trade:</b>	HVAC	<b>Contract:</b>
<b>Address:</b>	30 North Macquesten Parkway, Mount Vernon, NY 10550	<b>Telephone:</b> 914-776-8144
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b> 2/25/2013 <b>Project End:</b> In Progress

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
WDF Inc	NON	No	HVAC	\$ 25,166,020	\$ 29,172,913	\$ 27,656,756

[illegible]

Date: 06/30/2018

## Schedule M3

*(No substitutions may be made on this submission except by prior written approval by Owner)*

<b>CM Name:</b>	Lend Lease		
<b>Company Name:</b>	Island Acoustics	<b>Project:</b>	Jerome L. Greene Science Center
<b>Trade:</b>	Carpentry	<b>Contract:</b>	
<b>Address:</b>	518 Johnson Ave Bohemia, NY 11716	<b>Telephone:</b>	631-234-4500
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b>	3/12/2013
		<b>Project End:</b>	In Progress

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Island Acoustics	NON	No	Carpentry	\$ 14,250,000	\$ 16,396,467	\$ 16,089,681

[illegible]

Date: 06/30/2018

## Schedule M3

*(No substitutions may be made on this submission except by prior written approval by Owner)*

<b>CM Name:</b>	Lend Lease		
<b>Company Name:</b>	Forest Electric	<b>Project:</b>	Jerome L. Greene Science Center
<b>Trade:</b>	Electrical	<b>Contract:</b>	
<b>Address:</b>	2 Penn Plaza New York, NY 10121	<b>Telephone:</b>	212-318-1500
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b>	5/1/2013
		<b>Project End:</b>	In Progress

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Forest Electric	NON	No	Electrical	\$ 31,000,000	\$ 36,134,792	\$ 35,673,989

[illegible]

Date: 06/30/2018

## Schedule M3

*(No substitutions may be made on this submission except by prior written approval by Owner)*

<b>CM Name:</b>	Lend Lease	
<b>Company Name:</b>	Navillus Tile Inc	<b>Project:</b> Jerome L. Greene Science Center
<b>Trade:</b>	Masonry	<b>Contract:</b>
<b>Address:</b>	575 5th Ave 29th Floor, New York, NY 10017	<b>Telephone:</b> 212-750-1808
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b> 11/20/2012 <b>Project End:</b> In Progress

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Navillus Tile Inc	NON	No	Masonry	\$ 6,200,000	\$ 3,678,045	\$ 3,505,353

[illegible]

Date: 06/30/2018



## Schedule M3

*(No substitutions may be made on this submission except by prior written approval by Owner)*

<b>CM Name:</b>	Lend Lease		
<b>Company Name:</b>	B&G Electrical Contractors of NY	<b>Project:</b>	Jerome L. Greene Science Center
<b>Trade:</b>	Electrical	<b>Contract:</b>	
<b>Address:</b>	7100 New Horizons Blvd. N. Amityville, NY 11701	<b>Telephone:</b>	631-669-6000
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b>	9/13/2013
		<b>Project End:</b>	In Progress

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
B&G Electrical Contractors of NY	NON	No	Electrical	\$ 12,625,000	\$ 17,009,948	\$ 17,009,428

[illegible]

Date: 06/30/2018

### Schedule M3

*(No substitutions may be made on this submission except by prior written approval by Owner)*

<b>CM Name:</b>	Lend Lease	
<b>Company Name:</b>	Rael Automatic Sprinkler	<b>Project:</b> Jerome L. Greene Science Center
<b>Trade:</b>	Fire Protection	<b>Contract:</b>
<b>Address:</b>	1750 Plaza Avenue New Hyde, NY 11040	<b>Telephone:</b> 516-593-2000
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b> 12/19/2012 <b>Project End:</b> In Progress

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Rael Automatic Sprinkler	NON	No	Fire Protection	\$ 6,940,000	\$ 6,617,522	\$ 6,157,496

[illegible]

Date: 06/30/2018

### Schedule M3

*(No substitutions may be made on this submission except by prior written approval by Owner)*

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Siemens Industry Inc	NON	No	BMS	\$ 5,955,000	\$ 14,937,686	\$ 14,170,36

### SUBCONTRACTORS (Tier III)

[illegible]

Date: 06/30/2018

### Schedule M3

*(No substitutions may be made on this submission except by prior written approval by Owner)*

<b>CM Name:</b>	Lend Lease	
<b>Company Name:</b>	Bauerschmidt & Sons Inc	<b>Project:</b> Jerome L. Greene Science Center
<b>Trade:</b>	Architectural Woodworking	<b>Contract:</b>
<b>Address:</b>	11920 Merrick Blvd, Jamaica, NY 11434	<b>Telephone:</b> 718-528-3500
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b> 2/28/2011 <b>Project End:</b> In Progress

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Bauerschmidt & Sons Inc	NON	No	Architectural Woodworking	\$ 4,550,000	\$ 5,418,876	\$ 5,418,876

[illegible]

Date: 06/30/2018

## Schedule M3

*(No substitutions may be made on this submission except by prior written approval by Owner)*

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Jantile Inc	NON	No	Ceramic Tile	\$ 2,230,000	\$ 2,269,407	\$ 2,269,407

**SUBCONTRACTORS (Tier III)**

[illegible]

Date: 06/30/2018

### Schedule M3

*(No substitutions may be made on this submission except by prior written approval by Owner)*

<b>CM Name:</b>	Lend Lease	
<b>Company Name:</b>	Elite Interiors Systems Inc	<b>Project:</b> Jerome L. Greene Science Center
<b>Trade:</b>	Carpentry / Drywall	<b>Contract:</b>
<b>Address:</b>	79 Alexander Ave Bronx, NY 10454	<b>Telephone:</b> 718-401-3706
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b> 2/28/2011 <b>Project End:</b> In Progress

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (Incl CO's) \$'s	Total Payment to Date \$'s
Elite Interiors Systems Inc	L	No	Carpentry / Drywall	\$ 9,400,000	\$ 10,635,697	\$ 10,560,300

[illegible]

Date: 06/30/2018

*(No substitutions may be made on this submission except by prior written approval by Owner)*

<b>CM Name:</b>	Lend Lease	
<b>Company Name:</b>	Eagle One Roofing Contractors Inc	<b>Project:</b> Jerome L. Greene Science Center
<b>Trade:</b>	Roofing	<b>Contract:</b>
<b>Address:</b>	18-60 45th Street Astoria, New York 11105	<b>Telephone:</b> 718-626-2108
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b> 2/28/2011 <b>Project End:</b> In Progress

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Eagle One Roofing Contractors Inc	NON	No	Roofing	\$ 3,550,000	\$ 2,776,430	\$ 2,745,454

[illegible]

45

## Schedule M3

*(No substitutions may be made on this submission except by prior written approval by Owner)*

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Champion Metal & Glass Inc	NON	No	Ornamental Metal	\$ 1,200,000	\$ 1,644,213	\$ 1,603,297

**SUBCONTRACTORS (Tier III)**

[illegible]

Date: 06/30/2018



## Schedule M3

*(No substitutions may be made on this submission except by prior written approval by Owner)*

<b>CM Name:</b>	Lend Lease	
<b>Company Name:</b>	Champion Metal & Glass Inc	<b>Project:</b> Jerome L. Greene Science Center
<b>Trade:</b>	Glazing	<b>Contract:</b>
<b>Address:</b>	130 Motor Parkway, Hauppauge, NY 11788	<b>Telephone:</b> 631-254-2560
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b> 2/28/2011 <b>Project End:</b> In Progress

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Champion Metal & Glass Inc	NON	No	Glazing	\$ 1,275,000	\$ 1,006,114	\$ 1,001,743

[illegible]

Date: 06/30/2018

## Schedule M3

*(No substitutions may be made on this submission except by prior written approval by Owner)*

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Unifor	NON	No	Glass and Glazing	\$ 5,167,874	\$ 4,975,517	\$ 4,590,377

**SUBCONTRACTORS (Tier III)**

[illegible]

Date: 06/30/2018

GC/CM:	Lend Lease
Date Range:	8/1/2008 - 06/30/2018
As of:	09/07/2018

**Jerome L. Greene Science Center**  
**SCHEDULE OF WORKFORCE PARTICIPATION**

Tier	Contractor	M								Total MWL			Non-MWL			Total Hours			Headcount						
		Hrs	%	W	L	MW	ML	WL	MWL	Hrs	%	Hrs	%	Hrs	%	Hrs	%	#	%	#	%	Total			
Tier I (Direct)	Lend Lease US Construction LMB Construction Management	3,540	16%	808	4%	100	0%	48	0%	2,457	11%	0	0%	10	0%	6,962	32%	14,963	68%	21,925	32	53%	28	47%	60
Tier II	Baerschmidt & Sons	1,851	12%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1,851	12%	13,802	88%	15,653	1	4%	25	96%	26
	Millwork	19,117	18%	1,942	2%	966	1%	1,946	2%	4,914	5%	0	0%	0	0%	28,884	27%	79,287	73%	108,171	45	33%	91	67%	136
	B&G Electric	32,654	26%	0	0%	1,649	1%	5,264	4%	5,733	5%	1,225	1%	0	0%	46,525	37%	77,589	63%	124,113	31	37%	52	63%	83
	Cardoza Plumbing Corp	1,671	22%	0	0%	0	0%	0	0%	327	4%	0	0%	0	0%	1,998	26%	5,677	74%	7,675	17	36%	30	64%	47
	Champion Metal and Glass	47,566	29%	56	0%	1,821	1%	0	0%	2,626	2%	0	0%	0	0%	52,068	32%	111,885	68%	163,953	99	33%	204	67%	303
	Onamental Metal, Glass & Glazing	9,838	48%	96	0%	0	0%	3,323	16%	499	2%	0	0%	767	4%	14,522	71%	5,997	29%	20,519	37	90%	4	10%	41
	Cives Corp	8,674	36%	81	0%	0	0%	2,120	9%	3,244	13%	0	0%	0	0%	14,118	58%	10,173	42%	24,291	56	60%	38	40%	94
	Superstructure Steel	53	21%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	53	21%	199	79%	252	2	25%	6	75%	8
	Elite Interiors Inc	27,238	72%	0	0%	0	0%	8	0%	444	1%	0	0%	0	0%	27,690	73%	10,094	27%	37,784	48	77%	14	23%	62
	Drywall, Resilient Flooring & Base	12,305	8%	198	0%	152	0%	384	0%	3,453	2%	0	0%	1,684	1%	18,175	12%	136,379	88%	154,554	38	21%	145	79%	183
	Fine Painting & Decorating Company Inc	46,104	25%	0	0%	0	0%	312	0%	2,335	1%	0	0%	0	0%	48,750	26%	137,606	74%	186,356	49	34%	97	66%	146
	Painting & Instrumentation	1,352	46%	0	0%	0	0%	0	0%	136	5%	0	0%	0	0%	1,488	50%	1,460	50%	2,948	12	44%	15	56%	27
	Five Star Electrical	297	10%	1,002	33%	0	0%	0	0%	25	1%	0	0%	0	0%	1,324	43%	1,726	57%	3,050	7	64%	4	36%	11
	Electrical	58,183	52%	8	0%	2,294	2%	1,732	2%	4,017	4%	0	0%	4,956	4%	71,189	64%	40,705	36%	111,894	74	54%	62	46%	136
	Forest Electric	8,147	59%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	8,147	59%	5,729	41%	13,876	11	52%	10	48%	21
	Electrical	1,346	54%	0	0%	0	0%	0	0%	14	1%	0	0%	0	0%	1,360	55%	1,126	45%	2,485	33	69%	15	31%	48
	Metropolitan Enterprises	9,614	91%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	9,614	91%	1,008	9%	10,622	13	100%	0	0%	13
	Scaffolding	42,824	50%	0	0%	0	0%	797	1%	12,199	14%	0	0%	0	0%	55,820	65%	29,456	35%	85,275	170	55%	137	45%	307
	Morall Brown Corp	1,252	52%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1,252	52%	1,177	48%	2,429	4	33%	8	67%	12
	Fireproofing	6,203	30%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	6,203	30%	14,734	70%	20,937	15	25%	46	75%	61
	Navillus Contracting	10,781	55%	0	0%	0	0%	0	0%	79	0%	0	0%	0	0%	10,860	56%	8,666	44%	19,526	17	59%	12	41%	29
	Masonry	1,148	3%	0	0%	0	0%	0	0%	49	0%	0	0%	0	0%	1,197	3%	43,466	97%	44,663	8	12%	60	88%	68
	Nets That Work	22,640	46%	107	0%	73	0%	243	0%	542	1%	0	0%	0	0%	23,604	48%	25,591	52%	49,194	83	34%	163	66%	246
	Safety Equipment	8,770	18%	701	1%	0	0%	208	0%	0	0%	0	0%	0	0%	9,678	20%	39,699	80%	49,376	14	24%	45	76%	59
	Otis Elevators	16,168	98%	0	0%	208	1%	0	0%	0	0%	0	0%	0	0%	16,376	99%	139	1%	16,515	28	97%	1	3%	29
	Platinum Terrazzo Inc	4,569	52%	16	0%	0	0%	0	0%	0	0%	0	0%	0	0%	4,585	52%	4,162	48%	8,747	55	59%	39	41%	94
	Rael Automatic Sprinkler	27,344	60%	0	0%	0	0%	0	0%	270	1%	0	0%	0	0%	27,614	60%	18,246	40%	45,860	30	65%	16	35%	46
	Dewastering	71,259	33%	1,533	1%	3,127	1%	301	0%	4,022	2%	0	0%	864	0%	81,106	38%	132,448	62%	213,553	139	38%	226	62%	365
	RCC Concrete Corp	502,503	32%	6,546	0%	10,389	1%	16,684	3%	47,382	1%	1,225	0%	8,280	1%	593,008	38%	973,184	62%	1,566,191	1,168	42%	1,593	58%	2,761
	Siemens																								
	HVAC Systems																								
	Unifor																								
	Glass and Glazing																								
	Universal Builders Supply																								
	Host																								
	Walters LLC																								
	Metall Stairs																								
	WDF																								
	Piping/Sheetmetal																								
Total Hours		502,503	32%	6,546	0%	10,389	1%	16,684	3%	47,382	1%	1,225	0%	8,280	1%	593,008	38%	973,184	62%	1,566,191	1,168	42%	1,593	58%	2,761
Overall % of Total																									

\* Denotes active contractors

1 Denotes percentages of the individual MWL designation to the total workforce hours or total headcount

Contractor	Start	End
Baerschmidt & Sons	8/1/2013	In Progress
B&G Electric	3/27/2014	In Progress
Cardoza Plumbing Corp	2/27/2013	In Progress
Champion Metal and Glass	11/11/2015	In Progress
Cives Corp	4/6/2013	In Progress
Creative Construction Services	4/25/2013	In Progress
Eagle One Roofing Contractors Inc	4/30/2013	In Progress
Elite Interiors Inc	6/9/2017	In Progress
Fine Painting & Decorating Company Inc	4/26/2013	In Progress
Five Star Electrical	3/7/2013	In Progress
Forest Electric	7/18/2013	In Progress
Fresh Meadow	5/2/2017	In Progress
Hi Tech Data	7/12/2015	In Progress
Island Acoustics	9/11/2013	In Progress
Jantile Inc	2/6/2015	In Progress
Metropolitan Enterprises	3/11/2013	In Progress
Morall Brown Corp	8/1/2013	In Progress
Navillus Contracting	9/25/2013	In Progress
Nets That Work	9/1/2013	In Progress
Otis Elevators	9/6/2013	In Progress
Platinum Terrazzo Inc	2/28/2015	In Progress
Rael Automatic Sprinkler	5/1/2013	In Progress
RCC Concrete Corp	1/30/2013	In Progress
Siemens	4/3/2014	In Progress
Unifor	9/30/2015	In Progress
Universal Builders Supply	4/26/2013	In Progress
Walters LLC	5/12/2013	In Progress
WDF	7/24/2013	In Progress

GC/CM:	Lend Lease
Date Range:	04/01/2018 - 06/30/2018
As of :	09/07/2018

## Jerome L. Greene Science Center SCHEDULE OF WORKFORCE PARTICIPATION

Tier	Contractor									Total Hours			Headcount														
		M		W		L		MW		ML		WL		MWL		Total MWL		Non-MWL		Total Hours		Total MWL		Non-MWL		Total	
		Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs		#	% <sup>1</sup>	#	% <sup>1</sup>	#	
Tier I (Direct)	Lend Lease US Construction LMB Construction Management	309	32%	183	19%	0	0%	0	0%	0	0%	0	0%	0	0%	492	52%	462	48%	954		2	67%	1	33%	3	
Tier II	Bauerschmidt & Sons Millwork	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	B&G Electric Electrical	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Cardoza Plumbing Corp Plumbing	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Champion Metal and Glass Ornamental Metal, Glass & Glazing	64	34%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	64	34%	126	66%	190		1	25%	3	75%	4	
	Cives Corp Superstructure Steel	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Creative Construction Services Safety Equipment	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Eagle One Roofing Contractors Inc Roofing	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Elite Interiors Inc Drywall, Resilient Flooring & Base	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Fine Painting & Decorating Company Inc Painting & Instrumentation	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Five Star Electrical Electrical	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Forest Electric Electrical	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Fresh Meadow HVAC Systems	25	100%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	25	100%	0	0%	25		1	100%	0	0%	1	
	Hi Tech Data Raised Access Flooring	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Island Acoustics Acoustics	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Jantile Inc Ceramic Tile	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Metropolitan Enterprises Scaffolding	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Morell Brown Corp Fireproofing	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Navillus Contracting Masonry	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Nets That Work Safety Equipment	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Otis Elevators Elevators	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Platinum Terrazzo Inc Ceramic Tile	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Rael Automatic Sprinkler Dewatering	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	RCC Concrete Corp Above Grade Concrete	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Siemens HVAC Systems	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Unifor Hoist	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Universal Builders Supply Hoist	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Walters LLC Metal Stairs	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	WDF Piping/Sheetmetal	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
Total Hours		398		183		0		0		0		0		0		581		588		1,169		4		4		8	
Overall % of Total		34%		16%		0%		0%		0%		0%		0%		50%		50%		100%		50%		50%		100%	

\* Denotes active contractors

<sup>1</sup> Denotes percentages of the individual MWL designation to the total workforce hours or total headcount

# EPA Clean Diesel Project

*(No substitutions may be made on this submission except by prior written approval by Owner)*

<b>Owner Name:</b>	Columbia University	<b>Project:</b> EPA Clean Diesel
<b>Address:</b>	410 West 118th Street, NY, NY 10027	<b>Telephone:</b>
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b> 5/1/2009
		<b>Project End:</b> Work Completed 11/2011

OWNER						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Columbia University	NON	No	Owner			\$ 613,907

[illegible]

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# Open Space

*(No substitutions may be made on this submission except by prior written approval by Owner)*

<b>Owner Name:</b>	Columbia University	<b>Project:</b>	Open Space
<b>Address:</b>	410 West 118th Street, NY, NY 10027	<b>Telephone:</b>	
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b>	7/10/2013
		<b>Project End:</b>	In Progress

[illegible]

Direct Spend Grand Total	\$ -	\$ 17,701	\$ 17,701
MWL Direct Spend Total	\$ -	\$ 16,937	\$ 16,937
Non-MWL Direct Spend Total	\$ -	\$ 764	\$ 764
MWL % of Total	0%	96%	96%

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## Schedule M1

<b>Owner Name:</b>	Columbia University	<b>Project:</b> Open Space
<b>Address:</b>	410 West 118th Street, NY, NY 10027	<b>Telephone:</b>
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b> 7/10/2013
		<b>Project End:</b> In Progress

OWNER						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Columbia University	NON	No	Owner			\$ 16,024,297

[illegible]

Date: 06/30/2018

**SCHEDULE OF MINORITY/WOMEN/LOCAL OWNED BUSINESS PARTICIPATION UTILIZATION PLAN**

*(No substitutions may be made on this submission except by prior written approval by Owner)*

Schedule M2

<b>Company Name:</b>	Lend Lease	<b>Project:</b>	Open Space
<b>Trade:</b>	Construction Management	<b>Contract:</b>	
<b>Address:</b>	622 West 132nd, 2nd fl, New York, NY 10027	<b>Telephone:</b>	212-939-9580
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b>	7/10/2013
		<b>Project End:</b>	In Progress

<b>COMPANY (Tier I)</b>						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Lend Lease US Construction LMB	NON	No	Construction Management	\$ 1,047,159	\$ 16,024,297	\$ 16,024,297

<b>SUBCONTRACTORS (Tier II)</b>							
Name/Address/Phone # (if available) otherwise enter Trade	MWL Designation	Joint Venture?	Trade	Awarded?	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
<b>MWL:</b>							
Cassone Leasing Inc	W-ESD	No	Security	Yes	\$ -	\$ 15	\$ 15
Creative Construction	M-ESD	No	Drywall	Yes	\$ -	\$ 2,412	\$ 2,412
Eddington Security Inc	MW-ESD	No	Security	Yes	\$ -	\$ 54,195	\$ 54,195
EJ/Egg Electric JV - (Egg Electric Inc)	W-ESD	Yes	Electrical	Yes	\$ -	\$ 1,821	\$ 1,821
EJ/Egg Electric JV - (Egg Electric Inc)	W-ESD	Yes	Street Structures	Yes	\$ -	\$ 342	\$ 342
Elite Interiors Systems Inc	L	No	Resilient Flooring & Base	Yes	\$ -	\$ 161	\$ 145
Elite Interiors Systems Inc	L	No	Drywall	Yes	\$ -	\$ 63	\$ 57
Fine Painting & Decorating Company Inc	M-ESD	No	Paint & Coatings	Yes	\$ -	\$ 166	\$ 149
Johnson Security Bureau Inc	MWL-ESD	No	Security	Yes	\$ -	\$ 60,531	\$ 60,531
MFM Contracting Corp	L	No	Sitework	Yes	\$ -	\$ 17,193	\$ 14,162
MFM Contracting Corp	L	No	Foundation Concrete	Yes	\$ -	\$ 10,820	\$ 10,820
The McKissack Group Inc	MWL-ESD	No	Construction Management	Yes	\$ -	\$ 60,915	\$ 60,915
<b>NON:</b>							
ASR Electrical Contracting Inc	NON	No	Electrical	Yes	\$ -	\$ 1,116,585	\$ 1,051,978
Eagle One Roofing Contractors Inc	NON	No	Roofing	Yes	\$ 1,007,250	\$ 1,169,639	\$ 1,147,603
EJ/Egg Electric JV - (EJ Electric)	NON	Yes	Electrical	Yes	\$ -	\$ 2,731	\$ 2,731
EJ/Egg Electric JV - (EJ Electric)	NON	Yes	Street Structures	Yes	\$ -	\$ 513	\$ 513
Elite Floors Inc	NON	No	Resilient Flooring & Base	Yes	\$ -	\$ 695	\$ 695
Intricate Construction	NON	No	Sitework	Yes	\$ -	\$ 8,698,284	\$ 8,499,402
Island Acoustics	NON	No	Drywall	Yes	\$ -	\$ 2,195	\$ 2,195
RCC Concrete Corp	NON	No	Above Grade Concrete	Yes	\$ -	\$ 992,502	\$ 979,212
Siemens Industry Inc	NON	No	HVAC Systems	Yes	\$ -	\$ 939	\$ 845
Skanska	NON	No	Sitework	Yes	\$ -	\$ 91,219	\$ 91,219
Skanska	NON	No	Street Structures	Yes	\$ -	\$ 57,137	\$ 57,137
Steven Dubner Landscaping Inc	NON	No	Lawns & Planting	Yes	\$ -	\$ 1,448,920	\$ 1,280,635
WDF Inc	NON	No	HVAC Systems	Yes	\$ -	\$ 6,727	\$ 6,593
<b>Tier II Grand Total</b>					<b>\$ 1,007,250</b>	<b>\$ 13,796,720</b>	<b>\$ 13,326,322</b>
<b>MWL Tier II Total</b>					<b>\$ -</b>	<b>\$ 208,634</b>	<b>\$ 205,564</b>
<b>Non-MWL Tier II Total</b>					<b>\$ 1,007,250</b>	<b>\$ 13,588,086</b>	<b>\$ 13,120,758</b>
<b>MWL % of Tier II</b>					<b>0%</b>	<b>1%</b>	<b>1%</b>

*If there is no Original Plan then vendors were paid on an as-needed basis or vendors were contracted after the Original Plan*

Date: 06/30/2018

## Schedule M3

*(No substitutions may be made on this submission except by prior written approval by Owner)*

<b>CM Name:</b>	Lend Lease	
<b>Company Name:</b>	Intricate Construction	<b>Project:</b> Open Space
<b>Trade:</b>	Site Work	<b>Contract:</b>
<b>Address:</b>	450 Commerce St, Hawthorne, NY 10532	<b>Telephone:</b> 914-769-1200
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b> 7/10/2013 <b>Project End:</b> In Progress

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (Incl CO's) \$'s	Total Payment to Date \$'s
Intricate Construction	NON	No	Site Work	\$ 7,650,000	\$ 8,698,284	\$ 8,499,402

[illegible]

Date: 06/30/2018

GC/CM:	Lend Lease
Date Range:	8/1/2008 - 06/30/2018
As of :	09/07/2018

## Open Space SCHEDULE OF WORKFORCE PARTICIPATION

TierContractor																Headcount											
		M		W		L		MW		ML		WL		MWL		Total MWL		Non-MWL		Total Hours		Total MWL		Non-MWL		Total	
		Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs		#	% <sup>1</sup>	#	% <sup>1</sup>	#	
* Tier II	Intricate Construction Sitework	15,339	47%	0	0%	0	0%	0	0%	280	1%	0	0%	0	0%	15,619	48%	16,939	52%	32,557		67	47%	77	53%	144	
*	MFM Contracting Corp Utilities	2,195	59%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2,195	59%	1,500	41%	3,695		10	43%	13	57%	23	
*	Steven Dubner Lawns & Planting	1,587	100%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1,587	100%	0	0%	1,587		22	100%	0	0%	22	
Total Hours		19,121		0		0		0		280		0		0		19,401		18,438		37,839		99		90		189	
Overall % of Total		51%		0%		0%		0%		1%		0%		0%		51%		49%		100%		52%		48%		100%	

\* Denotes active contractors

<sup>1</sup> Denotes percentages of the individual MWL designation to the total workforce hours or total headcount

Contractor	Start	End
Intricate Construction	7/11/2010	In Progress
MFM Contraction Corp	2/4/2010	In Progress
Steven Dubner	8/2/2016	In Progress

GC/CM:	Lend Lease
Date Range:	04/01/2018 - 06/30/2018
As of :	09/07/2018

## Open Space SCHEDULE OF WORKFORCE PARTICIPATION

TierContractor																		Headcount									
		M		W		L		MW		ML		WL		MWL		Total MWL		Non-MWL		Total Hours		Total MWL		Non-MWL		Total	
		Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	#	% <sup>1</sup>	#	% <sup>1</sup>	#	% <sup>1</sup>
* Tier II	Intricate Construction	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
*	Sitework																										
*	MFM Contracting Corp	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	Utilities																										
*	Steven Dubner	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	Lawns & Planting																										
Total Hours		0		0		0		0		0		0		0		0		0		0		0		0		0	
Overall % of Total		0%		0%		0%		0%		0%		0%		0%		0%		0%		0%		0%		0%		0%	

\* Denotes active contractors

<sup>1</sup> Denotes percentages of the individual MWL designation to the total workforce hours or total headcount

# Lenfest

*(No substitutions may be made on this submission except by prior written approval by Owner)*

Owner Name:	Columbia University	Project:	Lenfest
Address:	410 West 118th Street, NY, NY 10027	Telephone:	
As of Date:	06/30/2018	Project Start:	12/1/2013
		Project End:	In Progress

[illegible]

Direct Spend Grand Total	\$	-	\$	818,779	\$	818,779
MWL Direct Spend Total	\$	-	\$	130,345	\$	130,345
Non-MWL Direct Spend Total	\$	-	\$	688,434	\$	688,434
MWL % of Total		0%		16%		16%

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## Schedule M1

*(No substitutions may be made on this submission except by prior written approval by Owner)*

<b>Owner Name:</b>	Columbia University	<b>Project:</b> Lenfest
<b>Address:</b>	410 West 118th Street, NY, NY 10027	<b>Telephone:</b>
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b> 12/1/2013
		<b>Project End:</b> In Progress

OWNER						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Columbia University	NON	No	Owner			\$ 70,514,340

[illegible]

Date: 06/30/2018



**SCHEDULE OF MINORITY/WOMEN/LOCAL OWNED BUSINESS PARTICIPATION UTILIZATION PLAN**

*(No substitutions may be made on this submission except by prior written approval by Owner)*

Schedule M2

<b>Company Name:</b>	Lend Lease	<b>Project:</b>	Lenfest
<b>Trade:</b>	Construction Management	<b>Contract:</b>	
<b>Address:</b>	622 West 132nd, 2nd fl, New York, NY 10027	<b>Telephone:</b>	212-939-9580
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b>	12/1/2013
		<b>Project End:</b>	In Progress

<b>COMPANY (Tier I)</b>						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Lend Lease US Construction LMB	NON	No	Construction Management	\$ -	\$ 81,965,260	\$ 70,514,340

<b>SUBCONTRACTORS (Tier II)</b>							
Name/Address/Phone # (if available) otherwise enter Trade	MWL Designation	Joint Venture?	Trade	Awarded?	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
MWL:							
3L & Company Inc	W-ESD	No	Ceramic Tile	Yes	\$ -	\$ 198,859	\$ 183,880
Commodore Construction Corporation	W-ESD	No	Masonry	Yes	\$ -	\$ 162,261	\$ 162,261
Creative Construction	M-ESD	No	Safety Equipment	Yes	\$ -	\$ 349,861	\$ 349,861
Creative Construction	M-ESD	No	Drywall	Yes	\$ -	\$ 14,074	\$ 13,934
Creative Construction	M-ESD	No	Drywall	Yes	\$ -	\$ 50,000	\$ 50,000
Crown Sign Systems Inc	W-ESD	No	Identifying Devices	Yes	\$ -	\$ 105,508	\$ 95,119
Eddington Security Inc	MW-ESD	No	Security	Yes	\$ -	\$ 226,668	\$ 226,668
EJ/Egg Electric JV - (Egg Electric Inc)	W-ESD	Yes	Electrical	Yes	\$ -	\$ 241,806	\$ 238,098
EJ/Egg Electric JV - (Egg Electric Inc)	W-ESD	Yes	Electrical	Yes	\$ -	\$ 2,737	\$ 2,737
EJ/Egg Electric JV - (Egg Electric Inc)	W-ESD	Yes	Street Structures	Yes	\$ -	\$ 1,223	\$ 1,223
Elite Interiors Systems Inc	L	No	Resilient Flooring & Base	Yes	\$ -	\$ 1,311	\$ 847
Elite Interiors Systems Inc	L	No	Drywall	Yes	\$ -	\$ 369	\$ 332
Fine Painting & Decorating Company Inc	M-ESD	No	Painting & Instrumentation	Yes	\$ -	\$ 701,939	\$ 701,939
Fine Painting & Decorating Company Inc	M-ESD	No	Paint & Coatings	Yes	\$ -	\$ 402,380	\$ 384,040
Giachetti Plumbing	L	No	Plumbing	Yes	\$ -	\$ 1,161,884	\$ 1,161,884
Johnson Security Bureau Inc	MWL-ESD	No	Security	Yes	\$ -	\$ 279,886	\$ 279,886
Metropolitan Enterprises Inc	M	No	Scaffolding	Yes	\$ -	\$ 229,918	\$ 229,918
MFM Contracting Corp	L	No	Utilities	Yes	\$ -	\$ 313,864	\$ 283,169
MFM Contracting Corp	L	No	Electrical	Yes	\$ -	\$ 8,820	\$ 5,650
Sirina Fire Protection Corp	M-ESD	No	Fire Protection Systems	Yes	\$ -	\$ 1,004,026	\$ 787,911
The McKissack Group Inc	MWL-ESD	No	Construction Management	Yes	\$ -	\$ 1,248,155	\$ 1,248,155
Westchester Metal Works Inc	W	No	Metal Stairs	Yes	\$ -	\$ 703,000	\$ 703,000
Westchester Metal Works Inc	W	No	Miscellaneous Metal	Yes	\$ -	\$ 1,848,673	\$ 1,848,673
NON:							
A Liss & Company Inc	NON	No	Toilet Partitions & Screens	Yes	\$ -	\$ 38,780	\$ 38,780
ASR Electrical Contracting Inc	NON	No	Electrical	Yes	\$ -	\$ 11,338,958	\$ 10,989,915
Champion Metal & Glass Inc	NON	No	Glass & Glazing	Yes	\$ -	\$ 459,760	\$ 459,760
Champion Metal & Glass Inc	NON	No	Snorkel	Yes	\$ -	\$ 90,000	\$ 90,000
Champion Metal & Glass Inc	NON	No	Millwork	Yes	\$ -	\$ 45,924	\$ 45,924
Cives Corp	NON	No	Superstructure Steel	Yes	\$ -	\$ 11,340,742	\$ 11,334,322
Commodore Construction Corporation	NON	No	Masonry	Yes	\$ -	\$ 1,639	\$ 1,639
Eagle One Roofing Contractors Inc	NON	No	Waterproofing & Roofing	Yes	\$ -	\$ 452,211	\$ 452,211
Eagle Scaffolding Services Inc	NON	No	Scaffolding	Yes	\$ -	\$ 181,323	\$ 181,303
EJ/Egg Electric JV - (Egg Electric Inc)	NON	Yes	Electrical	Yes	\$ -	\$ 362,708	\$ 357,148
EJ/Egg Electric JV - (Egg Electric Inc)	NON	Yes	Electrical	Yes	\$ -	\$ 4,106	\$ 4,106

**SCHEDULE OF MINORITY/WOMEN/LOCAL OWNED BUSINESS PARTICIPATION UTILIZATION PLAN**

(No substitutions may be made on this submission except by prior written approval by Owner)

Schedule M2

<b>Company Name:</b>	Lend Lease	<b>Project:</b>	Lenfest
<b>Trade:</b>	Construction Management	<b>Contract:</b>	
<b>Address:</b>	622 West 132nd, 2nd fl, New York, NY 10027	<b>Telephone:</b>	212-939-9580
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b>	12/1/2013
		<b>Project End:</b>	In Progress

<b>COMPANY (Tier I)</b>						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Lend Lease US Construction LMB	NON	No	Construction Management	\$ -	\$ 81,965,260	\$ 70,514,340

<b>SUBCONTRACTORS (Tier II)</b>							
Name/Address/Phone # (if available) otherwise enter Trade	MWL Designation	Joint Venture?	Trade	Awarded?	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
NON:							
EJ/Egg Electric JV - (Egg Electric Inc)	NON	Yes	Street Structures	Yes	\$ -	\$ 1,834	\$ 1,834
Elite Floors Inc	NON	No	Resilient Flooring & Base	Yes	\$ -	\$ 4,059	\$ 4,059
Five Star Electric Corp	NON	No	Electrical	Yes	\$ -	\$ 289,895	\$ 275,400
Forest Electric	NON	No	Electrical	Yes	\$ -	\$ 5,304	\$ 5,250
Fresh Meadow Mechanical Corp	NON	No	HVAC Systems	Yes	\$ -	\$ 1,565,586	\$ 1,451,251
H.S.E. System Inc	NON	No	Hoist / Bridges / Scaffold	Yes	\$ -	\$ 134,000	\$ 134,000
Hi Tech Data Floors Inc	NON	No	Raised Access Flooring	Yes	\$ -	\$ 177,727	\$ 177,727
Intricate Construction	NON	No	Street Structures	Yes	\$ -	\$ 26,374	\$ 26,374
Island Acoustics	NON	No	Drywall	Yes	\$ -	\$ 84,064	\$ 84,064
LVC Interiors Inc	NON	No	Window Treatment / Blinds	Yes	\$ -	\$ 259,000	\$ 249,760
Nets That Work	NON	No	Safety Equipment	Yes	\$ -	\$ 188,000	\$ 188,000
Otis Elevator Company	NON	No	Elevators	Yes	\$ -	\$ 1,528,910	\$ 1,192,116
PAL Environmental Safety Corp	NON	No	Spray Fireproofing	Yes	\$ -	\$ 666,750	\$ 666,750
PGS Millwork Inc	NON	No	Millwork	Yes	\$ -	\$ 1,220,222	\$ 1,220,222
Platinum Terrazzo	NON	No	Fluid-Applied Flooring	Yes	\$ -	\$ 183,945	\$ 183,945
RCC Concrete Corp	NON	No	Above Grade Concrete	Yes	\$ -	\$ 2,030,298	\$ 2,030,298
Re:Source New Jersey	NON	No	Resilient Flooring & Base	Yes	\$ -	\$ 755,165	\$ 750,989
Re:Source New Jersey	NON	No	Rough Carpentry	Yes	\$ -	\$ 4,176	\$ 4,176
Siemens Industry Inc	NON	No	HVAC Systems	Yes	\$ -	\$ 5,485	\$ 4,936
Skanska	NON	No	Street Structures	Yes	\$ -	\$ 841,207	\$ 841,207
Trystate Mechanical Inc	NON	No	HVAC Systems	Yes	\$ -	\$ 11,267,648	\$ 11,267,648
United Drilling & Cutting Corp	NON	No	Structural Modifications	Yes	\$ -	\$ 111,573	\$ 111,573
United Drilling & Cutting Corp	NON	No	Demolition	Yes	\$ -	\$ 18,487	\$ 18,487
Universal Builders Supply	NON	No	Hoist	Yes	\$ -	\$ 203,592	\$ 203,592
WDF Inc	NON	No	HVAC Systems	Yes	\$ -	\$ 39,245	\$ 38,460
Whalen Berez Group	NON	No	Theater & Stage Equipment	Yes	\$ -	\$ 167,678	\$ 167,678
Woodworks Construction Co Inc	NON	No	Drywall	Yes	\$ -	\$ 5,708,942	\$ 5,651,875
<b>Tier II Grand Total</b>					\$ -	\$ 61,062,539	\$ 59,865,964
<b>MWL Tier II Total</b>					\$ -	\$ 9,257,222	\$ 8,959,185
<b>Non-MWL Tier II Total</b>					\$ -	\$ 51,805,317	\$ 50,906,779
<b>MWL % of Tier II</b>					<b>0%</b>	<b>11%</b>	<b>13%</b>

*If there is no Original Plan then vendors were paid on an as-needed basis or vendors were contracted after the Original Plan*

Date: 06/30/2018

## Schedule M3

*(No substitutions may be made on this submission except by prior written approval by Owner)*

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Cives Corp	NON	No	Structural Steel	\$ 11,150,000	\$ 11,340,742	\$ 11,334,322

**SUBCONTRACTORS (Tier III)**

[illegible]

Date: 06/30/2018

### Schedule M3

*(No substitutions may be made on this submission except by prior written approval by Owner)*

<b>CM Name:</b>	Lend Lease		
<b>Company Name:</b>	RCC Concrete Corp	<b>Project:</b> Lenfest	
<b>Trade:</b>	Concrete Construction	<b>Contract:</b>	
<b>Address:</b>	74 State Street - 2nd Floor Westbury, NY 11590	<b>Telephone:</b> 516-279-6787	
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b> 12/1/2013	<b>Project End:</b> In Progress

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
RCC Concrete Corp	NON	No	Concrete Construction	\$ 1,837,000	\$ 2,030,298	\$ 2,030,298

[illegible]

Date: 06/30/2018

## Schedule M3

<b>CM Name:</b>	Lend Lease		
<b>Company Name:</b>	Giachetti Plumbing	<b>Project:</b>	Lenfest
<b>Trade:</b>	Plumbing	<b>Contract:</b>	
<b>Address:</b>	58 Tiemann Place New York, NY 10027	<b>Telephone:</b>	646-532-3696
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b>	12/1/2013
		<b>Project End:</b>	In Progress

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Giachetti Plumbing	L	No	Plumbing	\$ 1,090,000	\$ 1,161,884	\$ 1,161,884

[illegible]

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## Schedule M3

*(No substitutions may be made on this submission except by prior written approval by Owner)*

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
PGS Millwork Inc	NON	No	Architectural Millwork	\$ 1,155,797	\$ 1,220,222	\$ 1,220,222

[illegible]

Tier III Grand Total	\$ 372,350	\$ 370,590	\$ 370,590
MWL Tier III Total	\$ -	\$ -	\$ -
Non-MWL Tier III Total	\$ 372,350	\$ 370,590	\$ 370,590
MWL % of Tier II	0%	0%	0%

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## Schedule M3

*(No substitutions may be made on this submission except by prior written approval by Owner)*

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Champion Metal & Glass Inc	NON	No	Architectual Ornamental Metal & Glass	\$ 501,410	\$ 595,684	\$ 595,684

[illegible]

Tier III Grand Total	\$ 153	\$ 153	\$ 153
MWL Tier III Total	\$ 153	\$ 153	\$ 153
Non-MWL Tier III Total	\$ -	\$ -	\$ -
MWL % of Tier II	0%	0%	0%

Date: 06/30/2018

### Schedule M3

*(No substitutions may be made on this submission except by prior written approval by Owner)*

<b>CM Name:</b>	Lend Lease	
<b>Company Name:</b>	Woodworks Construction Co Inc	<b>Project:</b> Lenfest
<b>Trade:</b>	Carpentry / Drywall	<b>Contract:</b>
<b>Address:</b>	322 8th Ave, Suite 701 New York, NY 10001	<b>Telephone:</b> 212-888-7311
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b> 12/1/2013 <b>Project End:</b> In Progress

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (Incl CO's) \$'s	Total Payment to Date \$'s
Woodworks Construction Co Inc	NON	No	Carpentry / Drywall	\$ 5,708,942	\$ 5,708,942	\$ 5,651,875

[illegible]

Date: 06/30/2018



## Schedule M3

*(No substitutions may be made on this submission except by prior written approval by Owner)*

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
LVC Interiors Inc	NON	No	Window Treatment / Blinds	\$ 259,000	\$ 259,000	\$ 249,760

**SUBCONTRACTORS (Tier III)**

[illegible]

Date: 06/30/2018

## Schedule M3

<b>CM Name:</b>	Lend Lease	
<b>Company Name:</b>	Trystate Mechanical Inc	<b>Project:</b> Lenfest
<b>Trade:</b>	HVAC Systems	<b>Contract:</b>
<b>Address:</b>	241-02 Northern Blvd, 2nd Floor, Douglaston, NY 11362	<b>Telephone:</b> 718-819-8844
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b> 12/1/2013 <b>Project End:</b> In Progress

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (Incl CO's) \$'s	Total Payment to Date \$'s
Trystate Mechanical Inc	NON	No	HVAC Systems	\$ 10,226,340	\$ 11,267,648	\$ 11,267,648

[illegible]

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## Schedule M3

*(No substitutions may be made on this submission except by prior written approval by Owner)*

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
3L & Company Inc	W	No	Ceramic Tile	\$ 198,859	\$ 198,859	\$ 183,880

Tier III Grand Total	\$ 75,000	\$ 75,000	\$ 75,000
MWL Tier III Total	\$ -	\$ -	\$ -
Non-MWL Tier III Total	\$ 75,000	\$ 75,000	\$ 75,000
MWL % of Tier II	0%	0%	0%

Date: 06/30/2018

## Schedule M3

<b>CM Name:</b>	Lend Lease		
<b>Company Name:</b>	ASR Electrical Contracting Inc	<b>Project:</b>	Lenfest
<b>Trade:</b>	Electrical	<b>Contract:</b>	
<b>Address:</b>	207 Newton Rd, Plainview, NY 11803	<b>Telephone:</b>	516-420-0101
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b>	12/1/2013
		<b>Project End:</b>	In Progress

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (Incl CO's) \$'s	Total Payment to Date \$'s
ASR Electrical Contracting Inc	NON	No	Electrical	\$ 11,338,958	\$ 11,338,958	\$ 10,989,915

[illegible]

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GC/CM:	Lend Lease
Date Range:	8/1/2008 - 06/30/2018
As of :	09/07/2018

**Lenfest**  
**SCHEDULE OF WORKFORCE PARTICIPATION**

Tier	Contractor									Total MWL			Non-MWL			Total Hours			Headcount							
		M		W		L		MW		ML		WL		MWL		Hrs		Total MWL		Non-MWL		Total				
		Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	#	% <sup>1</sup>	#	% <sup>1</sup>	#	% <sup>1</sup>			
Tier II	3L & Company Inc	85	8%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1,082		1	17%	5	83%	6				
	Ceramic Tile																									
	ASR Electric	20,476	30%	0	0%	0	0%	1,157	2%	0	0%	0	0%	0	0%	21,633	31%	47,738	69%	69,371		26	33%	54	68%	80
	Electrical																									
	Champion Metal	232	14%	0	0%	0	0%	0	0%	8	0%	0	0%	0	0%	240	15%	1,415	85%	1,655		3	20%	12	80%	15
	Glass & Glazing, Snorkel, Millwork																									
	Cives	9,239	25%	1,034	3%	0	0%	0	0%	0	0%	0	0%	0	0%	10,273	27%	27,165	73%	37,437		23	26%	66	74%	89
	Structural Metals																									
	Commodore	608	46%	0	0%	0	0%	0	0%	80	6%	0	0%	0	0%	688	52%	635	48%	1,323		5	56%	4	44%	9
	Masonry																									
	Creative Construction Services	606	21%	0	0%	0	0%	682	24%	282	10%	0	0%	126	4%	1,695	60%	1,123	40%	2,818		16	89%	2	11%	18
	Safety Equipment																									
	Eagle Scaffolding	752	57%	0	0%	0	0%	0	0%	3	0%	0	0%	0	0%	755	57%	569	43%	1,324		15	65%	8	35%	23
	Scaffolding, Waterproofing & Roofing																									
	Fine Painting & Decorating Company Inc	4,225	72%	0	0%	0	0%	0	0%	214	4%	0	0%	0	0%	4,439	75%	1,453	25%	5,892		23	79%	6	21%	29
	Painting & Instrumentation																									
	Giachetti Plumbing & Heating Corp.	1,807	21%	88	1%	0	0%	0	0%	0	0%	0	0%	0	0%	1,895	22%	6,822	78%	8,717		5	16%	27	84%	32
	Plumbing																									
	LVC Interiors Inc	14	100%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	14	100%	0	0%	14		1	100%	0	0%	1
	Window Treatment / Blinds																									
	Metropolitan Enterprises	1,193	51%	0	0%	0	0%	0	0%	135	6%	0	0%	0	0%	1,328	57%	1,017	43%	2,345		37	76%	12	24%	49
	Hoist/Bridges/Scaffold																									
	Nets That Work	183	46%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	183	46%	211	54%	394		3	30%	7	70%	10
	Safety Equipment																									
	Otis Elevators	2,323	27%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2,323	27%	6,153	73%	8,476		4	15%	23	85%	27
	Elevators																									
	PAL Environmental	780	39%	0	0%	0	0%	0	0%	24	1%	0	0%	0	0%	804	40%	1,208	60%	2,012		11	42%	15	58%	26
	Spray Fireproofing																									
	PGS Millwork	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	17	100%	17		0	0%	1	100%	1
	Millwork																									
	Platinum Terrazzo, Inc.	263	52%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	263	52%	247	48%	510		4	57%	3	43%	7
	Fluid-Applied Flooring																									
	RCC Concrete Corp	4,057	43%	24	0%	24	0%	0	0%	0	0%	0	0%	0	0%	4,105	44%	5,244	56%	9,348		39	30%	90	70%	129
	Above Grade Concrete																									
	Re:Source New Jersey	341	16%	0	0%	0	0%	281	13%	0	0%	0	0%	0	0%	622	29%	1,501	71%	2,123		4	27%	11	73%	15
	Resilient Flooring & Base																									
	Sirina Fire Protection Corp	2,990	79%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2,990	79%	810	21%	3,800		7	30%	16	70%	23
	Fire Protection Systems																									
	Trystate Burns Mechanical	6,230	15%	272	1%	48	0%	80	0%	40	0%	0	0%	0	0%	6,670	16%	35,062	84%	41,732		26	29%	64	71%	90
	HVAC Systems																									
	United Drilling	972	100%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	972	100%	0	0%	972		3	100%	0	0%	3
	Drilling																									
	Westchester Metal Works	5,426	62%	0	0%	0	0%	35	0%	1,990	23%	0	0%	0	0%	7,451	85%	1,352	15%	8,803		20	63%	12	38%	32
	Metal Stairs																									
	Woodworks Construction	25,413	71%	0	0%	1,280	4%	0	0%	1,770	5%	0	0%	0	0%	28,463	79%	7,536	21%	35,998		30	71%	12	29%	42
	Drywall																									
Total Hours		88,213		1,418		1,352		2,235		4,545		0		126		97,889		148,272		246,160		306		450		756
Overall % of Total		36%		1%		1%		1%		2%		0%		0%		40%		60%		100%		40%		60%		100%

\* Denotes active contractors

1 Denotes percentages of the individual MWL designation to the total workforce hours or total headcount

Contractor	Start	End
3L & Company Inc	8/7/2016	In Progress
ASR Electric	6/24/2015	In Progress
Champion Metal	12/7/2016	In Progress
Cives	5/2/2014	In Progress
Commodore	2/2/2016	In Progress
Creative Construction Services	10/11/2014	In Progress
Eagle Scaffolding	5/30/2016	In Progress
Fine Painting & Decorating Company Inc	6/7/2015	In Progress
Giachetti Plumbing & Heating Corp.	12/23/2014	In Progress
LVC Interiors Inc	7/22/2017	In Progress
Metropolitan Enterprises	7/20/2014	In Progress
Nets That Work	10/14/2014	In Progress
Otis Elevators	8/28/2015	In Progress
PAL Environmental	1/18/2015	In Progress
PGS Millwork	7/1/2017	In Progress
Platinum Terrazzo, Inc.	9/3/2016	In Progress
RCC Concrete Corp	9/2/2014	In Progress
Re:Source New Jersey	8/28/2016	In Progress
Sirina Fire Protection Corp	8/19/2014	In Progress
Trystate Burns Mechanical	6/2/2015	In Progress
United Drilling	4/3/2014	In Progress
Westchester Metal Works	7/25/2014	In Progress
Woodworks Construction	5/19/2015	In Progress

GC/CM:	Lend Lease
Date Range:	04/01/2018 - 06/30/2018
As of :	09/07/2018

## Lenfest SCHEDULE OF WORKFORCE PARTICIPATION

Tier	Contractor												Headcount														
		M		W		L		MW		ML		WL		MWL		Total MWL		Non-MWL		Total Hours		Total MWL		Non-MWL		Total	
		Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs		#	% <sup>1</sup>	#	% <sup>1</sup>	#	
Tier II	3L & Company Inc	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Ceramic Tile																										
*	ASR Electric	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Electrical																										
*	Champion Metal	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Glass & Glazing, Snorkel, Millwork																										
*	Cives	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Structural Metals																										
*	Commodore	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Masonry																										
*	Creative Construction Services	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Safety Equipment																										
*	Eagle Scaffolding	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Scaffolding, Waterproofing & Roofing																										
*	Fine Painting & Decorating Company Inc	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Painting & Instrumentation																										
*	Giachetti Plumbing & Heating Corp.	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Plumbing																										
*	LVC Interiors Inc	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Window Treatment / Blinds																										
*	Metropolitan Enterprises	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Hoist/Bridges/Scaffold																										
*	Nets That Work	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Safety Equipment																										
*	Otis Elevators	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Elevators																										
*	PAL Environmental	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Spray Fireproofing																										
*	PGS Millwork	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Millwork																										
*	Platinum Terrazzo, Inc.	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Fluid-Applied Flooring																										
*	RCC Concrete Corp	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Above Grade Concrete																										
*	Re:Source New Jersey	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Resilient Flooring & Base																										
*	Sirina Fire Protection Corp	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Fire Protection Systems																										
*	Trystate Burns Mechanical	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	HVAC Systems																										
*	United Drilling	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Drilling																										
*	Westchester Metal Works	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Metal Stairs																										
*	Woodworks Construction	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0		0	0%	0	0%	0	
	Drywall																										
Total Hours		0		0		0		0		0		0		0		0		0		0		0		0		0	
Overall % of Total		0%		0%		0%		0%		0%		0%		0%		0%		0%		0%		0%		0%		0%	

\* Denotes active contractors

<sup>1</sup> Denotes percentages of the individual MWL designation to the total workforce hours or total headcount

# University Forum

*(No substitutions may be made on this submission except by prior written approval by Owner)*

<b>Owner Name:</b>	Columbia University	<b>Project:</b> University Forum
<b>Address:</b>	410 West 118th Street, NY, NY 10027	<b>Telephone:</b>
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b> 12/1/2015
		<b>Project End:</b> In Progress

OWNER						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Columbia University	NON	No	Owner			\$ 24,012

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*(No substitutions may be made on this submission except by prior written approval by Owner)*

<b>Owner Name:</b>	Columbia University	<b>Project:</b> University Forum
<b>Address:</b>	410 West 118th Street, NY, NY 10027	<b>Telephone:</b>
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b> 12/1/2015
		<b>Project End:</b> In Progress

OWNER						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (Incl CO's) \$'s	Total Payment to Date \$'s
Columbia University	NON	No	Owner			\$ 57,567,252

[illegible]

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*(No substitutions may be made on this submission except by prior written approval by Owner)*

<b>Owner Name:</b>	Columbia University	<b>Project:</b> University Forum
<b>Address:</b>	410 West 118th Street, NY, NY 10027	<b>Telephone:</b>
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b> 12/1/2015 <b>Project End:</b> In Progress

OWNER						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Columbia University	NON	No	Owner		\$ 1,303,418	\$ 1,145,430

[illegible]

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**SCHEDULE OF MINORITY/WOMEN/LOCAL OWNED BUSINESS PARTICIPATION UTILIZATION PLAN**

*(No substitutions may be made on this submission except by prior written approval by Owner)*

**Schedule M2**

<b>Company Name:</b>	Skanska	<b>Project:</b>	University Forum
<b>Trade:</b>	Construction Management	<b>Contract:</b>	
<b>Address:</b>	659 West 131st Street, New York, NY 10027	<b>Telephone:</b>	347-918-7871
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b>	12/1/2015
		<b>Project End:</b>	In Progress

<b>COMPANY (Tier I)</b>						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Skanska	NON	No	Construction Management	\$ 69,564,624	\$ 69,564,624	\$ 57,567,252

<b>SUBCONTRACTORS (Tier II)</b>							
Name/Address/Phone # (if available) otherwise enter Trade	MWL Designation	Joint Venture?	Trade	Awarded?	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
<b>MWL:</b>							
A Tech Electric Enterprise Inc	M-ESD	No	Electric	Yes	\$ 7,109,178	\$ 7,687,776	\$ 5,181,407
A Tech Electric Enterprise Inc	M-ESD	No	Electric	Yes	\$ -	\$ 4,144,000	\$ 506,337
Ashlar Construction LLC	M-ESD	No	Masonry	Yes	\$ -	\$ 1,150,000	\$ 998,565
Basu Technology Inc	M-ESD	No	Scheduling	Yes	\$ -	\$ 13,050	\$ 13,050
Carter, Milchman & Frank	W-ESD	No	Vendor	Yes	\$ -	\$ 27,642	\$ 27,642
Deb Romain	MW-ESD	No	Vendor	Yes	\$ -	\$ 7,044	\$ 7,044
Eddington Security Inc	MW-ESD	No	Security	Yes	\$ -	\$ 309,069	\$ 309,069
Garcia Marble & Tile	M-ESD	No	Tiling	Yes	\$ -	\$ 310,000	\$ 158,623
Giachetti Plumbing & Heating	L	No	Plumbing	Yes	\$ -	\$ 1,188,376	\$ 707,260
JT Hicks Associates	M-ESD	No	Construction and Civil Engineering	Yes	\$ -	\$ 226,640	\$ 226,640
Pestrol Inc	MWL-ESD	No	Exterminator	Yes	\$ -	\$ 8,095	\$ 8,095
The Olympic Glove & Safety Co Inc	W-ESD	No	Vendor	Yes	\$ -	\$ 2,684	\$ 2,684
Turtle & Hughes	W-ESD	No	Electrical Equipment	Yes	\$ -	\$ 272,710	\$ 228,879
Velez Organization	M-ESD	No	Construction Management	Yes	\$ -	\$ 425,918	\$ 425,918
<b>NON:</b>							
ARI Products Inc	NON	No	Access Flooring	Yes	\$ -	\$ 174,000	\$ 56,043
Bamco Inc	NON	No	Metal Panels	Yes	\$ -	\$ 470,000	\$ 47,475
Barrett Inc	NON	No	Roofing	Yes	\$ -	\$ 1,233,800	\$ 837,175
Champion Metal & Glass Inc	NON	No	Interior Glass	Yes	\$ -	\$ 845,000	\$ 250,596
Cord Contracting	NON	No	Millwork	Yes	\$ -	\$ 5,424,802	\$ 3,686,804
Current Fire Protection	NON	No	Fire Protection	Yes	\$ -	\$ 565,000	\$ 468,691
Daniel Teutul DBA Orange County Iron Works	NON	No	Structural Steel	Yes	\$ -	\$ 6,863,750	\$ 6,651,122
Decorating with Fabric	NON	No	Window Treatment	Yes	\$ -	\$ 237,500	\$ 34,746
Delphi Plumbing	NON	No	Plumbing	Yes	\$ -	\$ 11,328	\$ 11,328
Fromkin Brothers	NON	No	Painting	Yes	\$ -	\$ 280,000	\$ 144,928
Gil Bar Industries	NON	No	HVAC Equipment	Yes	\$ -	\$ 327,000	\$ 271,226
Holden & Flynn Universal	NON	No	Millwork	Yes	\$ -	\$ 298,000	\$ 65,705
Island Diversified	NON	No	Spray on Thermal & Fire Proof	Yes	\$ -	\$ 387,000	\$ 342,977
Jezet Seating	NON	No	Auditorium	Yes	\$ -	\$ 250,000	\$ 15,862
Long Island Fireproof Door	NON	No	Doors, Frames & Hardware	Yes	\$ -	\$ 161,000	\$ 142,088
Nouveau Elevator Industries Inc	NON	No	Elevators	Yes	\$ -	\$ 1,869,000	\$ 859,912
Pyramid Floor Covering Inc	NON	No	Flooring	Yes	\$ -	\$ 310,000	\$ 122,287
Ruttura & Sons Co Inc	NON	No	Excavation/Foundation	Yes	\$ -	\$ 9,414,340	\$ 8,782,118
Ruttura & Sons Co Inc	NON	No	Elevated Slabs on Deck	Yes	\$ -	\$ 1,225,260	\$ 828,614
Transcontinental Steel	NON	No	Misc Metals	Yes	\$ -	\$ 1,262,033	\$ 618,071
United Air Conditioning	NON	No	HVAC	Yes	\$ -	\$ 6,697,000	\$ 4,527,039
<b>Tier II Grand Total</b>					<b>\$ 7,109,178</b>	<b>\$ 54,078,817</b>	<b>\$ 37,566,020</b>
<b>MWL Tier II Total</b>					<b>\$ 7,109,178</b>	<b>\$ 15,773,004</b>	<b>\$ 8,801,213</b>
<b>Non-MWL Tier II Total</b>					<b>\$ -</b>	<b>\$ 38,305,813</b>	<b>\$ 28,764,807</b>
<b>MWL % of Tier II</b>					<b>10%</b>	<b>23%</b>	<b>15%</b>

*If there is no Original Plan then vendors were paid on an as-needed basis or vendors were contracted after the Original Plan*

Date: 06/30/2018

## Schedule M2

<b>Company Name:</b>	Lend Lease	<b>Project:</b>	University Forum
<b>Trade:</b>	Construction Management	<b>Contract:</b>	
<b>Address:</b>	622 West 132nd, 2nd fl, New York, NY 10027	<b>Telephone:</b>	347-918-7871
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b>	12/1/2015
		<b>Project End:</b>	In Progress

COMPANY (Tier I)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Lend Lease	NON	No	Construction Management	\$ -	\$ 1,303,418	\$ 1,145,430

SUBCONTRACTORS (Tier II)							
Name/Address/Phone # (if available) otherwise enter Trade	MWL Designation	Joint Venture?	Trade	Awarded?	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
MWL:							
MFM Contracting Corp	L	No	Utilities	Yes	\$ 1,277,929	\$ 1,277,929	\$ 1,051,722
MFM Contracting Corp	L	No	Electrical	Yes	\$ -	\$ 25,489	\$ 22,940
					Tier II Grand Total	\$ 1,277,929	\$ 1,303,418
					MWL Tier II Total	\$ 1,277,929	\$ 1,074,662
					Non-MWL Tier II Total	\$ -	\$ -
					MWL % of Tier I	0%	94%

Date: 06/30/2018

## Schedule M3

*(No substitutions may be made on this submission except by prior written approval by Owner)*

<b>CM Name:</b>	Skanska	
<b>Company Name:</b>	Ruttura & Sons Co Inc	<b>Project:</b> University Forum
<b>Trade:</b>	Excavation/Foundation	<b>Contract:</b>
<b>Address:</b>	200 Cabot Street, West Babylon, NY 11704	<b>Telephone:</b> 631-454-0291
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b> 12/1/2015 <b>Project End:</b> In Progress

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (Incl CO's) \$'s	Total Payment to Date \$'s
Ruttura & Sons Co Inc	NON	No	Excavation/Foundation	\$ -	\$ 9,414,340	\$ 8,782,118

SUBCONTRACTORS (Tier III)							
Name/Address/Phone # (if available) otherwise enter Trade	MWL Designation	Joint Venture?	Trade	Awarded?	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
<b>MWL:</b>							
Green Earth Solutions	MW	No	Trucking/Disposal of Soil	Yes	\$ 650,000	\$ 816,244	\$ 816,244
Madeline Lulley	W-ESD	No	Rebar Detailer	Yes	\$ 20,900	\$ 28,020	\$ 28,020
AMG Demolition Inc	W-ESD	No	Dewatering	Yes	\$ 1,000,000	\$ 1,000,000	\$ 683,491
D Star Waterproofers	M-ESD	No	Waterproofing	Yes	\$ 328,600	\$ 429,336	\$ 407,903
CGS Rebar Inc	W-ESD	No	Furnish/Install Rebar	Yes	\$ 950,000	\$ 1,253,810	\$ 1,253,810
A Tech Electric Enterprise Inc	M-ESD	No	Main Switch Electrical	Yes	\$ 25,000	\$ 140,858	\$ 133,815
				Yes			
<b>NON:</b>							
Our Rental Corp	NON	No	Equipment/Pump Rental	Yes	\$ 51,000	\$ 159,553	\$ 159,553
Jenna Concrete Corp	NON	No	Concrete Supplier	Yes	\$ 172,000	\$ 550,582	\$ 550,582
Eagle Fence	NON	No	Furnish/Install Temp. Fence	Yes	\$ 157,036	\$ 172,141	\$ 165,587
Tulnoy Lumber	NON	No	Supplier	Yes	\$ 33,341	\$ 36,571	\$ 36,571
Jet-Drive Contracting	NON	No	Furnish/Install Piles	Yes	\$ 185,500	\$ 185,500	\$ 185,500
Bancker Construction Corp	NON	No	Furnish/Install Temp Water Svc	Yes	\$ 43,400	\$ 43,400	\$ 41,230
Metropolitan Sewer	NON	No	Furnish/Install DIP for Storm	Yes	\$ 40,500	\$ 62,100	\$ 48,735
Moretrench American Corp	NON	No	Furnish/Install Tie-Backs	Yes	\$ 276,000	\$ 276,000	\$ 262,200
<b>Tier III Grand Total</b>					<b>\$ 3,933,277</b>	<b>\$ 5,154,115</b>	<b>\$ 4,773,241</b>
<b>MWL Tier III Total</b>					<b>\$ 2,974,500</b>	<b>\$ 3,668,268</b>	<b>\$ 3,323,283</b>
<b>Non-MWL Tier III Total</b>					<b>\$ 958,777</b>	<b>\$ 1,485,847</b>	<b>\$ 1,449,958</b>
<b>MWL % of Tier II</b>					<b>0%</b>	<b>39%</b>	<b>38%</b>

If there is no Original Plan then vendors were paid on an as-needed basis or vendors were contracted after the Original Plan

Date: 06/30/2018

## Schedule M3

*(No substitutions may be made on this submission except by prior written approval by Owner)*

<b>CM Name:</b>	Skanska		
<b>Company Name:</b>	Ruttura & Sons Co Inc	<b>Project:</b> University Forum	
<b>Trade:</b>	Elevated Slabs on Deck	<b>Contract:</b>	
<b>Address:</b>	200 Cabot Street, West Babylon, NY 11704	<b>Telephone:</b> 631-454-0291	
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b> 12/1/2015	<b>Project End:</b> In Progress

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Ruttura & Sons Co Inc	NON	No	Elevated Slabs on Deck	\$ 1,038,000	\$ 1,225,260	\$ 828,614

[illegible]

Date: 06/30/2018

## Schedule M3

*(No substitutions may be made on this submission except by prior written approval by Owner)*

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Orange County Iron Works	NON	No	Structural Steel	\$ 4,497,000	\$ 6,863,750	\$ 6,651,122

**SUBCONTRACTORS (Tier III)**

[illegible]

Date: 06/30/2018

## Schedule M3

*(No substitutions may be made on this submission except by prior written approval by Owner)*

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
United Air Conditioning	NON	No	HVAC	\$ 6,697,000	\$ 6,697,000	\$ 4,527,039

**SUBCONTRACTORS (Tier III)**

[illegible]

Date: 06/30/2018



## Schedule M3

*(No substitutions may be made on this submission except by prior written approval by Owner)*

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Transcontinental Steel	NON	No	Misc Metals	\$ 1,129,413	\$ 1,262,033	\$ 618,071

**SUBCONTRACTORS (Tier III)**

[illegible]

Date: 06/30/2018

GC/CM:	Skanska
Date Range:	8/1/2008 - 06/30/2018
As of :	09/07/2018

## University Forum SCHEDULE OF WORKFORCE PARTICIPATION

Tier	Contractor									Total MWL			Non-MWL			Total Hours			Headcount								
		M		W		L		MW		ML		WL		MWL		Total MWL		Non-MWL		Total Hours		Total MWL		Non-MWL		Total	
		Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	#	% <sup>1</sup>	#	% <sup>1</sup>	#	% <sup>1</sup>
* Tier II	A Tech Electric Enterprises Inc	28,447	80%	0	0%	0	0%	1,067	3%	0	0%	0	0%	0	0%	29,514	83%	5,976	17%	35,489		38	75%	13	25%	51	
	Main Switch Electrical																										
	Ashlar Construction LLC	5,685	50%	7	0%	8	0%	0	0%	1,225	11%	0	0%	0	0%	6,924	61%	4,465	39%	11,389		32	68%	15	32%	47	
	Masonry																										
*	Barrett	2,640	74%	0	0%	0	0%	0	0%	8	0%	0	0%	0	0%	2,648	74%	937	26%	3,585		36	77%	11	23%	47	
	Roofing																										
*	Cord Contracting Co Inc	4,814	31%	0	0%	0	0%	0	0%	622	4%	0	0%	310	2%	5,746	37%	9,885	63%	15,630		17	27%	47	73%	64	
	Millwork																										
*	Current Fire Protection Inc	1,384	43%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1,384	43%	1,805	57%	3,189		7	54%	6	46%	13	
	Fire Protection																										
*	Eddington Security Inc	11,834	77%	0	0%	0	0%	0	0%	3,484	23%	0	0%	0	0%	15,318	100%	0	0%	15,318		33	100%	0	0%	33	
	Security																										
*	Fromkin Brothers	717	41%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	717	41%	1,024	59%	1,741		9	64%	5	36%	14	
	Painting																										
*	Garcia Marble & Tile	1,628	96%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1,628	96%	70	4%	1,698		9	90%	1	10%	10	
	Tiling																										
*	Giachetti Plumbing & Heating Corp	1,793	29%	0	0%	0	0%	116	2%	0	0%	0	0%	0	0%	1,909	30%	4,379	70%	6,288		4	11%	31	89%	35	
	Plumbing																										
*	Orange County Ironworks, LLC	7,509	47%	0	0%	0	0%	183	1%	0	0%	0	0%	0	0%	7,692	48%	8,433	52%	16,125		29	36%	52	64%	81	
	Structural Steel																										
*	Ruttura & Sons	17,425	54%	163	1%	0	0%	0	0%	304	1%	0	0%	0	0%	17,892	55%	14,397	45%	32,288		112	45%	135	55%	247	
	Excavation/Foundation																										
*	Transcontinental Contracting Inc	2,985	84%	0	0%	0	0%	0	0%	65	2%	0	0%	0	0%	3,050	86%	515	14%	3,565		22	85%	4	15%	26	
	Misc Metals																										
*	United Air Conditioning Corp	5,132	57%	0	0%	0	0%	0	0%	140	2%	0	0%	0	0%	5,272	59%	3,672	41%	8,944		11	55%	9	45%	20	
	HVAC																										
Total Hours		91,991		170		8		1,366		5,848		0		310		99,691		55,557		155,248		359		329		688	
Overall % of Total		59%		0%		0%		1%		4%		0%		0%		64%		36%		100%		52%		48%		100%	

\* Denotes active contractors

<sup>1</sup> Denotes percentages of the individual MWL designation to the total workforce hours or total headcount

Contractor	Start	End
A Tech Electric Enterprises Inc	11/23/2016	In Progress
Ashlar Construction LLC	5/23/2017	In Progress
Barrett	1/8/2017	In Progress
Cord Contracting Co Inc	7/2/2017	In Progress
Current Fire Protection Inc	10/3/2017	In Progress
Eddington Security Inc	8/17/2016	In Progress
Fromkin Brothers	11/6/2017	In Progress
Garcia Marble & Tile	3/18/2018	In Progress
Giachetti Plumbing & Heating Corp	11/22/2016	In Progress
Orange County Ironworks, LLC	1/6/2017	In Progress
Ruttura & Sons	1/4/2016	In Progress
Transcontinental Contracting Inc	5/21/2017	In Progress
United Air Conditioning Corp	8/22/2017	In Progress

GC/CM:	Skanska
Date Range:	04/01/2018 - 06/30/2018
As of :	09/07/2018

## University Forum SCHEDULE OF WORKFORCE PARTICIPATION

Tier	Contractor									Total MWL			Non-MWL			Total Hours	Headcount				
		Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	#	% <sup>1</sup>	#	% <sup>1</sup>	#
* Tier II	A Tech Electric Enterprises Inc	9,160	83%	0	0%	0	0%	494	4%	0	0%	0	0%	0	0%	11,056	27	75%	9	25%	36
	Main Switch Electrical																				
*	Ashlar Construction LLC	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0%	0
	Masonry																				
*	Barrett	1,275	74%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1,728	20	74%	7	26%	27
	Roofing																				
*	Cord Contracting Co Inc	962	30%	0	0%	0	0%	0	0%	224	7%	0	0%	186	6%	3,249	15	44%	19	56%	34
	Millwork																				
*	Current Fire Protection Inc	322	52%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	624	2	40%	3	60%	5
	Fire Protection																				
*	Eddington Security Inc	1,188	81%	0	0%	0	0%	0	0%	286	19%	0	0%	0	0%	1,474	7	100%	0	0%	7
	Security																				
*	Fromkin Brothers	385	48%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	807	6	67%	3	33%	9
	Painting																				
*	Garcia Marble & Tile	1,580	97%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1,626	9	90%	1	10%	10
	Tiling																				
*	Giachetti Plumbing & Heating Corp	118	16%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	750	1	10%	9	90%	10
	Plumbing																				
*	Orange County Ironworks, LLC	40	34%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	118	2	33%	4	67%	6
	Structural Steel																				
*	Ruttura & Sons	168	64%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	261	8	53%	7	47%	15
	Excavation/Foundation																				
*	Transcontinental Contracting Inc	1,643	88%	0	0%	0	0%	0	0%	33	2%	0	0%	0	0%	1,870	15	88%	2	12%	17
	Misc Metals																				
*	United Air Conditioning Corp	1,352	58%	0	0%	0	0%	0	0%	140	6%	0	0%	0	0%	2,340	9	64%	5	36%	14
	HVAC																				
Total Hours		18,192		0		0		494		683		0		186		19,555	121		69		190
Overall % of Total		70%		0%		0%		2%		3%		0%		1%		75%	64%		36%		100%

\* Denotes active contractors

<sup>1</sup> Denotes percentages of the individual MWL designation to the total workforce hours or total headcount

# Phase 2 Below Grade

*(No substitutions may be made on this submission except by prior written approval by Owner)*

<b>Owner Name:</b>	Columbia University	<b>Project:</b> Phase 2 Below Grade
<b>Address:</b>	410 West 118th Street, NY, NY 10027	<b>Telephone:</b>
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b> 10/1/2016
		<b>Project End:</b> In Progress

[illegible]

Direct Spend Grand Total	\$ -	\$ 108,037	\$ 108,037
MWL Direct Spend Total	\$ -	\$ 89,311	\$ 89,311
Non-MWL Direct Spend Total	\$ -	\$ 18,726	\$ 18,726
MWL % of Total	0%	83%	83%

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## Schedule M1

<b>Owner Name:</b>	Columbia University	<b>Project:</b> Phase 2 Below Grade
<b>Address:</b>	410 West 118th Street, NY, NY 10027	<b>Telephone:</b>
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b> 10/1/2016
		<b>Project End:</b> In Progress

[illegible]

Direct Spend Grand Total	\$ -	\$ 157,073,077	\$ 143,847,759
MWL Direct Spend Total	\$ -	\$ -	\$ -
Non-MWL Direct Spend Total	\$ -	\$ 157,073,077	\$ 143,847,759
MWL % of Total	0%	0%	0%

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## Schedule M2

<b>Company Name:</b>	Lend Lease	<b>Project:</b> Phase 2 Below Grade
<b>Trade:</b>	Construction Management	<b>Contract:</b>
<b>Address:</b>	622 West 132nd, 2nd fl, New York, NY 10027	<b>Telephone:</b> 212-939-9580
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b> 10/1/2016 <b>Project End:</b> In Progress

[illegible]

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## Schedule M3

*(No substitutions may be made on this submission except by prior written approval by Owner)*

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Civetta Cousins	L	No	Excavation	\$ 66,007,211	\$ 66,007,211	\$ 60,750,229

[illegible]

Tier III Grand Total	\$ 14,074,785	\$ 16,400,106	\$ 16,106,973
MWL Tier III Total	\$ 311,885	\$ 415,434	\$ 404,629
Non-MWL Tier III Total	\$ 13,762,900	\$ 15,984,672	\$ 15,702,344
MWL % of Tier II	0%	1%	1%

Date: 06/30/2018



## Schedule M3

*(No substitutions may be made on this submission except by prior written approval by Owner)*

<b>CM Name:</b>	Lend Lease		
<b>Company Name:</b>	Civetta Cousins	<b>Project:</b> Phase 2 Below Grade	
<b>Trade:</b>	Foundation	<b>Contract:</b>	
<b>Address:</b>	1100 East 156th Street Bronx, NY 10474	<b>Telephone:</b> 718-991-5100	
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b> 10/1/2016	<b>Project End:</b> In Progress

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Civetta Cousins	L	No	Foundation	\$ 78,514,189	\$ 78,514,189	\$ 64,561,736

SUBCONTRACTORS (Tier III)							
Name/Address/Phone # (if available) otherwise enter Trade	MWL Designation	Joint Venture?	Trade	Awarded?	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
MWL:							
CFS Steel Co	L	No	Reinforcing Steel Supplier	Yes	\$ 2,500,000	\$ 2,500,000	\$ 1,715,771
J&E Industries LLC	W-ESD	No	Reinforcing Steel Installation	Yes	\$ 5,750,000	\$ 5,750,000	\$ 3,069,296
NON:							
Moretrench / Hayward Baker Inc	NON	Yes	Installation of Piles and Anchors	Yes	\$ 24,000,000	\$ 24,000,000	\$ 21,287,500
JA Lee Electrical Services	NON	No	Electrical Contractor	Yes	\$ 652,000	\$ 745,817	\$ 432,153
Melric Systems Corp	NON	No	Waterproofing	Yes	\$ 3,300,000	\$ 3,454,063	\$ 1,171,517

Date: 06/30/2018

## Schedule M3

*(No substitutions may be made on this submission except by prior written approval by Owner)*

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Par Environmental Corp	NON	No	Protection	\$ 425,000	\$ 425,000	\$ 365,750

**SUBCONTRACTORS (Tier III)**

[illegible]

Tier III Grand Total	\$ 33,672	\$ 33,672	\$ 33,045
MWL Tier III Total	\$ -	\$ -	\$ -
Non-MWL Tier III Total	\$ 33,672	\$ 33,672	\$ 33,045
MWL % of Tier II	0%	0%	0%

Date: 06/30/2018

## Schedule M3

*(No substitutions may be made on this submission except by prior written approval by Owner)*

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Cives Corp	NON	No	Structural Steel	\$ 15,388,617	\$ 15,388,617	\$ 6,880,265

**SUBCONTRACTORS (Tier III)**

[illegible]

Date: 06/30/2018

GC/CM:	Lend Lease
Date Range:	8/1/2008 - 06/30/2018
As of :	09/07/2018

## Phase 2 Below Grade SCHEDULE OF WORKFORCE PARTICIPATION

TierContractor												Total MWL			Non-MWL		Total Hours	Headcount							
		M		W		L		MW		ML		WL		MWL		Hrs	Total MWL	Non-MWL		Total					
Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	#	% <sup>1</sup>	#	% <sup>1</sup>	#						
Tier I (Direct)	Lend Lease US Construction LMB Construction Management	198	32%	295	48%	0	0%	0	0%	0	0%	0	0%	0	0%	493	81%	117	19%	610	2	67%	1	33%	3
Tier II	ASR Electrical Contracting Inc Electrical	545	22%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	545	22%	1,886	78%	2,431	4	18%	18	82%	22
	Cives Steel Structural Steel	1,617	10%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1,617	10%	14,820	90%	16,437	9	19%	38	81%	47
	Civetta Cousins JV Street Structures	91,001	35%	2,068	1%	368	0%	2,242	1%	2,991	1%	0	0%	0	0%	98,669	38%	162,237	62%	260,906	210	38%	341	62%	551
	Par Environmental Corporation Protection	2,256	57%	0	0%	0	0%	16	0%	0	0%	0	0%	0	0%	2,272	57%	1,714	43%	3,986	19	56%	15	44%	34
	Roger & Sons Concrete	461	33%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	461	33%	936	67%	1,396	18	49%	19	51%	37
Total Hours		96,077		2,363		368		2,258		2,991		0		0		104,056		181,710		285,765	262		432		694
Overall % of Total		34%		1%		0%		1%		1%		0%		0%		36%		64%		100%	38%		62%		100%

\* Denotes active contractors

<sup>1</sup> Denotes percentages of the individual MWL designation to the total workforce hours or total headcount

Contractor	Start	End
ASR Electrical Contracting Inc	12/6/2017	In Progress
Cives Steel	10/8/2016	In Progress
Civetta Cousins JV	10/8/2016	In Progress
Par Environmental Corporation	5/7/2017	In Progress
Roger & Sons	2/27/2018	In Progress

GC/CM:	Lend Lease
Date Range:	04/01/2018 - 06/30/2018
As of :	09/07/2018

## Phase 2 Below Grade SCHEDULE OF WORKFORCE PARTICIPATION

Tier	Contractor									Total MWL			Non-MWL			Headcount		
		M	W	L	MW	ML	WL	MWL		Hrs	% <sup>1</sup>		Hrs	% <sup>1</sup>		Total MWL	Non-MWL	Total
		Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>		Hrs	% <sup>1</sup>		#	% <sup>1</sup>	#
Tier I (Direct)	Lend Lease US Construction LMB Construction Management	198	32%	295	48%	0	0%	0	0%	0	0%	0	0%	0%	610	2	67%	3
Tier II	ASR Electrical Contracting Inc Electrical	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	100%	276	0	0%	4
	Cives Steel Structural Steel	1,247	10%	0	0%	0	0%	0	0%	0	0%	0	0%	90%	11,877	5	15%	34
	Civetta Cousins JV Street Structures	19,541	53%	455	1%	0	0%	543	1%	771	2%	0	0%	42%	36,989	96	55%	173
	Par Environmental Corporation Protection	102	40%	0	0%	0	0%	16	6%	0	0%	0	0%	54%	254	7	44%	16
	Roger & Sons Concrete	222	28%	0	0%	0	0%	0	0%	0	0%	0	0%	72%	779	9	38%	24
Total Hours		21,310		750		0		559		771		0			50,784	119		254
Overall % of Total		42%		1%		0%		1%		2%		0%			100%	47%		100%

\* Denotes active contractors

<sup>1</sup> Denotes percentages of the individual MWL designation to the total workforce hours or total headcount

# Columbia Business School

*(No substitutions may be made on this submission except by prior written approval by Owner)*

<b>Owner Name:</b>	Columbia University	<b>Project:</b>	Columbia Business School Above Grade
<b>Address:</b>	410 West 118th Street, NY, NY 10027	<b>Telephone:</b>	
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b>	1/1/2018
		<b>Project End:</b>	In Progress

OWNER						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Columbia University	NON	No	Owner	\$ -	\$ 4,945	\$ 4,945

[illegible]

101

## Schedule M1

<b>Owner Name:</b>	Columbia University	<b>Project:</b>	Columbia Business School Above Grade
<b>Address:</b>	410 West 118th Street, NY, NY 10027	<b>Telephone:</b>	
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b>	1/1/2018
		<b>Project End:</b>	In Progress

[illegible]

Direct Spend Grand Total	\$ -	\$ 7,749,145	\$ 7,749,145
MWL Direct Spend Total	\$ -	\$ -	\$ -
Non-MWL Direct Spend Total	\$ -	\$ 7,749,145	\$ 7,749,145
MWL % of Total	0%	0%	0%

102



*(No substitutions may be made on this submission except by prior written approval by Owner)*

<b>Company Name:</b>	Turner Construction Company	<b>Project:</b>	Columbia Business School Above Grade
<b>Trade:</b>	Construction Management	<b>Contract:</b>	
<b>Address:</b>	375 Hudson Street, 6th Floor, New York, NY 10014	<b>Telephone:</b>	(212) 229-6000
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b>	1/1/2018
		<b>Project End:</b>	In Progress

COMPANY (Tier I)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Turner Construction Company	NON	No	Construction Management	\$ -	\$ 7,749,145	\$ 7,749,145

[illegible]

103

## Schedule M3

*(No substitutions may be made on this submission except by prior written approval by Owner)*

COMPANY (Tier II)						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Cives Corp	NON	No	Structural Steel	\$ 34,842,383	\$ 34,842,383	\$ 5,980,725

[illegible]

Tier III Grand Total	\$ 4,000,000	\$ 4,000,000	\$ 3,361,609
MWL Tier III Total	\$ 4,000,000	\$ 4,000,000	\$ 3,361,609
Non-MWL Tier III Total	\$ -	\$ -	\$ -
MWL % of Tier II	11%	11%	56%

Date: 06/30/2018

*(No substitutions may be made on this submission except by prior written approval by Owner)*

<b>Owner Name:</b>	Columbia University	<b>Project:</b>	Columbia Business School Below Grade
<b>Address:</b>	410 West 118th Street, NY, NY 10027	<b>Telephone:</b>	
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b>	1/1/2018
		<b>Project End:</b>	In Progress

OWNER						
Name	MWL Designation	Joint Venture?	Trade	Original Plan Amount \$'s	Current Plan Amount (incl CO's) \$'s	Total Payment to Date \$'s
Columbia University	NON	No	Owner	\$ -	\$ 1,128,963	\$ 1,128,963

[illegible]

105

*(No substitutions may be made on this submission except by prior written approval by Owner)*

<b>Company Name:</b>	Turner Construction Company	<b>Project:</b>	Columbia Business School Below Grade
<b>Trade:</b>	Construction Management	<b>Contract:</b>	
<b>Address:</b>	375 Hudson Street, 6th Floor, New York, NY 10014	<b>Telephone:</b>	(212) 229-6000
<b>As of Date:</b>	06/30/2018	<b>Project Start:</b>	1/1/2018
		<b>Project End:</b>	In Progress

[illegible]

106

# Shared Services

GC/CM:	Lend Lease
Date Range:	8/1/2008 - 06/30/2018
As of :	09/07/2018

## Shared Services SCHEDULE OF WORKFORCE PARTICIPATION

TierContractor																				Headcount							
		M		W		L		MW		ML		WL		MWL		Total MWL		Non-MWL		Total Hours		Total MWL		Non-MWL		Total	
		Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	#	% <sup>1</sup>	#	% <sup>1</sup>	#	% <sup>1</sup>
• Tier I (Direct)	Lend Lease US Construction LMB Construction Management	92,640	32%	2,939	1%	13,996	5%	19,956	7%	49,345	17%	0	0%	2,537	1%	181,413	63%	107,940	37%	289,353		133	42%	182	58%	315	
• Tier II	Johnson Security Inc Security	137,721	59%	0	0%	2,042	1%	28,840	12%	51,813	22%	0	0%	10,608	5%	231,024	99%	2,956	1%	233,981		280	98%	7	2%	287	
•	Eddington Security Inc Security	110,679	76%	0	0%	0	0%	304	0%	35,032	24%	0	0%	0	0%	146,015	100%	8	0%	146,023		167	99%	1	1%	168	
Total Hours		341,040		2,939		16,038		49,100		136,190		0		13,145		558,452		110,904		669,356		580		190		770	
Overall % of Total		51%		0%		2%		7%		20%		0%		2%		83%		17%		100%		75%		25%		100%	

\* Denotes active contractors

<sup>1</sup> Denotes percentages of the individual MWL designation to the total workforce hours or total headcount

Contractor	Start	End
Johnson Security Inc	7/11/2010	In Progress
Eddington Security Inc	2/4/2010	In Progress

GC/CM:	Lend Lease
Date Range:	04/01/2018 - 06/30/2018
As of :	09/07/2018

## Shared Services SCHEDULE OF WORKFORCE PARTICIPATION

TierContractor															Headcount										
		M		W		L		MW		ML		WL		MWL		Total MWL	Non-MWL	Total Hours	Total MWL	Non-MWL	Total				
		Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	% <sup>1</sup>	Hrs	#	% <sup>1</sup>	#	% <sup>1</sup>	#		
* Tier I (Direct)	Lend Lease US Construction LMB Construction Management	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0%	0		
* Tier II	Johnson Security Inc Security	3,987	54%	0	0%	0	0%	743	10%	1,818	25%	0	0%	784	11%	7,332	100%	12	0%	7,344	33	97%	1	3%	34
*	Eddington Security Inc Security	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0%	0	0%	0
Total Hours		3,987		0		0		743		1,818		0		784		7,332		12		7,344	33		1		34
Overall % of Total		54%		0%		0%		10%		25%		0%		11%		100%		0%		100%	97%		3%		100%

\* Denotes active contractors

<sup>1</sup> Denotes percentages of the individual MWL designation to the total workforce hours or total headcount

**Retail Tenant:** Steep Rock Bouldering

**Opening Date:** August 2017

**Building:** Jerome L. Greene Science Center

**Description:** Steep Rock Bouldering is a New York City-based indoor climbing facility and retail shop selling outdoor recreational gear and accessories.

**Link to website:**

<https://www.srbnyc.com/>





**Retail Tenant:** Dear Mama Coffee

**Opening Date:** Anticipated late 2018

**Building:** Jerome L. Greene Science Center

**Description:** Dear Mama Coffee is a Harlem-based espresso, cocktail, wine bar and eatery serving breakfast, lunch and dinner.

**Link to website:** <https://www.instagram.com/dearmamanyc/?hl=en>



Dear Mama Coffee has been operating a coffee cart in the lobby of the Jerome L. Greene Science Center while construction occurs on their permanent location.



# Facilities & Operations

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Steep Rock Bouldering to Be First Retail Tenant at...

COLUMBIA MANHATTANVILLE

## Steep Rock Bouldering to Be First Retail Tenant at Columbia University's New Manhattanville Campus

Columbia University announced today that [Steep Rock Bouldering](#) , a New York City-based indoor climbing facility, will be the first retail tenant at the University's new [Manhattanville campus](#) , joining a Community Wellness Center, an interactive installation about brain research and an Education Lab as part of the civic and retail spaces that will define the street level experience of the campus.

December 02, 2016

[back to top](#)



The signing of Steep Rock Bouldering is consistent with the University's long-standing approach to its retail tenants which favors local businesses that bring a variety of amenities and experiences to the diverse Columbia community, the wider local community and visitors.

"The addition of Steep Rock Bouldering to the Manhattanville campus in the Jerome L. Greene Science Center makes a physically and mentally demanding activity, that is currently available only in limited locations in the city, accessible to Columbia and Upper Manhattan," said David M. Greenberg, executive vice president of Columbia University Facilities and Operations. "Steep Rock Bouldering was selected for its high-quality service, successful track record and community engagement."

Columbia University and Steep Rock Bouldering anticipate partnering to pursue community initiatives at the Manhattanville location to extend the programming and make it more accessible to more people throughout the Columbia and local community. At its East Side location, Steep Rock Bouldering partners with physical education teachers at local public schools to bring classes to the facility, and children transitioning through a nearby homeless shelter in East Harlem have access to the facility, pro bono, two days a week.

Bouldering does not require harnesses or ropes and is a healthy, unique, and fun activity that demands mental concentration and analytical skills. "Climbing is both mentally and physically

demanding; the amount of energy and time that you dedicate to it is directly transferrable to your success,” said Sasha DiGiulian, [a 2016 Columbia College graduate and world-champion climber](#) □ . “As a community, climbing is a tremendous activity for kids and adults alike to augment spatial awareness, problem solving and teamwork skills. I am incredibly excited to see the growth of climbing globally and to share my passion with as many people as possible.”

The Manhattanville bouldering facility will have a number of offerings, ranging from lessons to monthly memberships to community events. Day passes will be available to ages 13 and up on weekdays and ages 8 and up on weekends. The facility will also be open to community spectators during world-class bouldering competitions. Steep Rock Bouldering’s inaugural events will include an open house to give community members an opportunity to familiarize themselves with bouldering and the facility’s offerings.


Steep Rock Bouldering will occupy approximately 5,300 square feet on the ground floor and mezzanine levels in the southeast portion of the [Jerome L. Greene Science Center](#) □ . The Steep Rock Bouldering space will also include a retail shop selling outdoor recreational gear and accessories.

At street level, the buildings throughout Columbia’s new Manhattanville campus will be transparent in design, open to the public and programmed to engage the Columbia community and community-at-large. In addition to Steep Rock Bouldering, the street-level public spaces in the Jerome L. Greene Science Center include:

- A [Community Wellness Center](#) □ offering blood pressure and cholesterol screenings, as well as mental health and stroke prevention training, under the direction of Dr. Olajide A. Williams, chief of staff/chief medical officer of Neurology at Columbia University Medical Center and Dr. Sidney Hankerson, assistant professor of Clinical Psychiatry at Columbia University College of Physicians & Surgeons
- An Education Lab offering public programs on brain science for the community and K-12 schools, with hands-on activities that harness the Mortimer B. Zuckerman Mind Brain Behavior Institute’s research
- The Synapse, an interactive installation where the public can learn about the brain research being conducted in the building
- Two more retail locations, likely a coffee/grab-and-go type of establishment and a restaurant

In addition, the first open space to be completed on the new campus, the Small Square, will offer an informal, 10,000-square-foot outdoor plaza designed to engage the public and University community with seating areas and free Wi-Fi.

The largest building ever constructed by Columbia University, the Jerome L. Greene Science Center

provides 450,000 square feet of space for the neuroscience researchers of the [Mortimer B. Zuckerman Mind Brain Behavior Institute](#) . Established in 2012, the Zuckerman Institute is Columbia University's comprehensive center for interdisciplinary and collaborative research in brain science.

Construction for Steep Rock Bouldering is currently underway, and the facility is anticipated to open in the first quarter of 2017.

Tags: [Manhattanville](#) [Facilities and Operations](#) [Real Estate](#)



## News

September 14, 2018

### [Summer 2019 Capital Project Request Reminder](#)

Tags: [Summer Projects](#)

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September 13, 2018

### [Public Safety Helps Students Stay Secure](#)

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September 11, 2018

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September 10, 2018

### [Lower Campus Accessibility Ramp Installation](#)

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August 30, 2018



# New Specialty Coffee Bar and Eatery Joins Ground-Floor Retail Lineup on Campus

Wednesday, December 13, 2017



Dear Mama Coffee, a Harlem-based espresso, cocktail, wine bar and eatery, has signed a lease in the Jerome L.

Greene Science Center at Columbia University's new [Manhattanville campus](#), joining [Steep Rock Bouldering](#), a Community Wellness Center, an interactive installation about brain research and an Education Lab as part of the civic and retail spaces that define the street-level experience of the campus.

The signing establishes the second outpost of Dear Mama Coffee, joining the flagship East Harlem location, and is consistent with the University's long-standing approach to its retail tenants, which favors local businesses that bring a variety of amenities and experiences to the

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Harlem Buzzer



night establishment that will add more activity and services to the new campus and community,” said David M. Greenberg, executive vice president of Columbia University Facilities and Operations. “With art exhibitions, music, events, community fundraisers and more, Dear Mama Coffee will be a place of engagement and a true neighborhood venue.”

At the new location at Columbia’s campus in West Harlem, Dear Mama Coffee will offer seasonal menus serving breakfast, lunch, and dinner along with its own coffee roasted locally in Red Hook, Brooklyn; premium teas imported and blended in-house; fresh-baked pastries made onsite; and specialty cocktails and wine. From a programming standpoint, the store will be open early morning into the evening.

Similar to its other Harlem location, Dear Mama Coffee in West Harlem will also feature weekly exhibitions and art installations, live music, and opportunities to partner with local institutions – all in keeping with Dear Mama Coffee’s mission to use hospitality to build community and nurture local culture.

“Dear Mama Coffee serves as a gathering spot for the local

#### MONTHLY E- NEWSLETTER



#### WEEKLY CONSTRUCTION UPDATES

inspire one another, discuss the issues of the day, admire local art and share music. The large space in Manhattanville will allow for a wide variety of events, including listening parties for local artists introducing new albums, fundraisers for causes important to the community, open mic nights for musicians and poets, book readings and much more.”

Sharaga, a native New Yorker from the Bronx, leads an ownership and management team with strong local roots. Sharaga’s other business partners are childhood friends of his from the Bronx, and management-level personnel – from the chief operating officer to the beverage director, executive sous chef and many others – all hail from Harlem, Washington Heights, the Bronx, or other parts of New York City.

Sharaga is focused on hiring and developing staff from the local community – the closer to the store, the better, says Sharaga. “Coming from my own experience growing up far from Manhattan’s business centers, I know how hard it is in this city to find a job close to home and avoid the endless commute. Hiring local is a positive for local community members who want to work close to





### [Jerome L. Greene Science Center.](#)

Winick Realty Group represented both the tenant and owner in the retail lease transaction, with Cary Fabrikant and Yoel Gorjian representing Dear Mama Coffee, and Kenneth Hochhauser and Kelly Gedinsky representing Columbia.

The signing of Dear Mama Coffee coincides with [Steep Rock Bouldering](#) rolling out its full service offerings. Steep Rock West, as the bouldering location on the Manhattanville campus is known, had a soft introduction in late spring, opening its space to existing members of its East Harlem location. Steep Rock West has recently launched its full offerings, ranging from lessons and monthly memberships to community events and day passes.

Steep Rock West's bright and modern space welcomes climbers of all abilities and backgrounds, with problems spanning beginner to advanced levels. In addition to the main climbing area with its prominent arch feature, the facility also features a mezzanine climbing area and a designated fitness and training area.

Steep Rock West offers a substantial amount of discounted climbing



which includes access to its original location in East Harlem.

At street level, the buildings throughout Columbia's new Manhattanville campus will be transparent in design, open to the public and programmed to engage the Columbia community and community-at-large. In addition to Dear Mama Coffee and Steep Rock Bouldering, the street-level public spaces in the Jerome L. Greene Science Center include:

- A [Community Wellness Center](#) offering blood pressure and cholesterol screenings, as well as mental health and stroke prevention training, under the direction of Dr. Olajide A. Williams, chief of staff/chief medical officer of Neurology at Columbia University Medical Center and Dr. Sidney Hankerson, assistant professor of Clinical Psychiatry at Columbia University College of Physicians & Surgeons
- An Education Lab offering [public programs on brain science](#) for the community and K-12 schools, with hands-on activities that harness the Mortimer B. Zuckerman Mind Brain Behavior Institute's research
- The [Brain Index](#), an interactive installation located in the building's



completed on the new campus, the Small Square, offers an informal, 10,000-square-foot outdoor plaza designed to engage the public and University community with seating areas and free Wi-Fi. Dear Mama Coffee's entrance opens into the Small Square on the west side of the building, also facing the Lenfest Center for the Arts.

The largest academic building ever constructed by Columbia University, the Jerome L. Greene Science Center provides 450,000 square feet of space for the neuroscience researchers of the [Mortimer B. Zuckerman Mind Brain Behavior Institute](#). Established in 2012, the Zuckerman Institute is Columbia University's comprehensive center for interdisciplinary and collaborative research in brain science.

Design and construction for Dear Mama Coffee is currently underway, with opening anticipated in the fall of 2018.

