

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. Contract Number	Page of Pages 1 1	
2. Amendment/Modification Number DCAM-2011-B-0058-003		3. Effective Date 1/21/2011		4. Requisition/Purchase Request No.	
5. Solicitation Caption Renovation of 107 & 117 Wayne Place		6. Issued By: Department of Real Estate Services Contracting and Procurement Division 2000 14th Street, N.W., 5th Floor Washington, DC 20009			
7. Administered By (If other than line 6)		Code			
8. Name and Address of Contractor (No. Street, city, country, state and ZIP Code)		(X)		9A. Amendment of Solicitation No. DCAM-2011-B-0058	
				9B. Dated (See Item 11) 27-Dec-10	
				10A. Modification of Contract/Order No.	
				10B. Dated (See Item 13)	
Code		Facility			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input checked="" type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning <u>2</u> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or fax which includes a reference to the solicitation and amendment number. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or fax, provided each letter or telegram makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. Accounting and Appropriation Data (If Required)					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14					
(X) A. This change order is issued pursuant to: (Specify Authority) The changes set forth in Item 14 are made in the contract/order no. in item 10A.					
B. The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) set forth in item 14, pursuant to the authority of 27 DCMR, Chapter 36, Section 3601.2.					
C. This supplemental agreement is entered into pursuant to authority of:					
D. Other (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>2</u> copies to the issuing office.					
14. Description of amendment/modification (Organized by UCF Section headings, including solicitation/contract subject matter where feasible.) The following solicitation is hereby amended as follows: 1. Pre-bid Conference Attendance Sheet (Attachment A) 2. Questions and Answers - (Attachment B) 3. Add to Section B - Options for 107 & 117 Wayne Place (Attachment C) 4. Include Drawing C1.07 for 107 & 117 Wayne Place (Attachment D) 5. Include Vinyl Windows Specification - Section 08 5313 for 107 & 117 Wayne Place (Attachment E) Date and Time for receipt for bids remain the same. (January 25, 2011 at 2:00 p.m.)					
Except as provided herein, all terms and conditions of the document referenced in Item (9A or 10A) remain unchanged and in full force and effect					
15A. Name and Title of Signer (Type or print)			16A. Name of Contracting Officer Wilbur Giles		
15B. Name of Contractor (Signature of person authorized to sign)		15C. Date Signed		16B. District of Columbia  (Signature of Contracting Officer)	
				16C. Date Signed 1/24/11	

Pre-bid Conference Sign-In Sheet

DCAM-2011-B-0058

NAME OF COMPANY	CONTACT PERSON	EMAIL	PHONE
Helena Barbara	DRES	helena.barbora@dargov	202-671-2397
Marion Jones	DRES		
SIMON GOLDSTEIN	BDO-ORE	sgoldstern@buidydevelopm.com	703 300 5779
Yakota Contracting	Todd Neuman	Todd.alpha@yahoo.com	410-591-9441
Helena Barbara Stark Stark Stark	DRES	Salomon.ikota@dargov	202-741-0422
EEC, Inc.	Franck Semens	Fenkers@eecinc.com	301-341-1008
Padula	Chris Gray	Cgray@padula.de.com	202 543 7722
SCM, INC.	Vik Singh	VIK@SpecialtyConstruction.net	202-832-7250
A-R-3 GROUP INC	Raj Saclai	raj@ar3inc.com	202-584-0268
PRINCE CONSTRUCTION	Scott Colegrave	scott.colegrave@princeconstruction.com	202-889-5050
Atelier Architects, Inc.	Bill Faust	Wfaust@AtelierArchitects.com	202.818.9070
Niyah Electric	Barrett Johnson	barrett@nyahelectric.com	800-555-6553

POPEY COOPER POPEY@ATLANTA111593.COM

101.898.9070

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Pre-bid Conference Sign-In Sheet
DCAM-2011-B-0058

NAME OF COMPANY	CONTACT PERSON	EMAIL	PHONE
Simon Development & Constr. Corp.	Mark Agada	simondev@verizon.net	202-829-3316
Hopday Cons LLC	John Garcia	tgarcia@hopdayimprovements.com	202-316-0006
M/S CONSTRUCTION Co. N.Y.	SATISH	M/Sconstr@verizon.net	202.216.9883
The Lexy Group Inc	Sankir Enkh	senkhbeator@thelexygroup.com	240-271-6809
The Lexy Group Int	Kenneth Postel	kpostel@thelexygroup.com	202-787-9800
AES Group Inc.	Nicholas Robinson	anderson@aesgroup.us	443-797-7050
Metro-urban Construction	Larry Binna	binna@metro-urban.com	309-580-7044
ARMAN "POWER"	Mark y Binik	ARMAN@POWER.COM	(202) 373-0433
Adm'l Matters	Construction & Safety	adm@constructionandsafety.com	240-723-1799
Humberto Garcia	Hopday Construction	humberto@hopdayimprovements.com	2/812-4181
F+L Construction Inc	Glen Denkins	glen@f+l.com	24678 5788

Chris Carter
LEXEL DEVELOPMENT

A
Chris Carter
carter@lexeldev.com 2/20/11 7703

(2)

Pre-bid Conference Sign-in Sheet
 DCAM-2011-B-0058

NAME OF COMPANY	CONTACT PERSON	EMAIL	PHONE
ELM Projects LLC	Dallas R Evans	devans.elmprojects@gmail.com	202-258-0940
Moore Construction Inc	Kevin H Swick	kswick@mooreconstruction.com	703-641-8500 Ext 119
Moore Construction	Rodney R Miller	rmiller@mooreconstruction.com	703-641-8500
Brinkmark Space Construction	Brandy Rodgers	brandy@brinkmarkspaceconstruction.com	(202) 888-1851
MICON CONSTR	STEVEN GRAY	gray@miconconstruction.com	202-636-3930
MICON CONSTR	AJAC RODRIGUEZ	inf@miconconstruction.com	202 636 3930
The Construction Guild	Fredrick Starmark	fstarmark@theconstructionguild.com	202 544 0056 x104
General Services Inc	Jonathan Atkinson	sup@gsid.com	202 545-927
GENSTAT SERV. INC	JUSTINA ATKINSON	STAT@GENSTATSERV.COM	202 545-0127
Dynamic Contracting	Tim Cretek	time@dynamic-contracting.com	202-905-5302
RTR Const Co	Greene Kelley		240 604 8432
U & W Const	Vincent Young	vloung@uandw.com	202 422 1632
PROVIDENCE CONSTRUCTION & CONTRACTING SERVICES	ABDULLAH BAKAROV	proconst@verizon.net	202 545-0005

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January 21, 2011

Solomon Ikotun
DC Department of Real Estate Services
2000 14th Street NW, 8th Floor,
Washington, DC 20009

ARCHITECTURE
PLANNING
INTERIOR DESIGN

Re: 107 & 117 Wayne Place Project
AA project No. 08-056

The following is in response to the bidders' questions set out below:

- Q.1 Fire Alarm: Is an annunciator panel required?
A.1 Response: No annunciator panel is required.
- Q.2 Fire Sprinkler System: Is it required to sprinkler the attic?
A.2 Response: No it is not required to sprinkler the attic.
- Q.3 Site Utility: Will the District of Columbia pay the various DC WASA fees?
A.3 Response: District will be responsible for Building permit fees. Any other permit fees shall be contractor's responsibility.

1003 K STREET NW, SUITE 830
WASHINGTON, DC 20005
202.898.9070
FAX 202.898.9077
E-MAIL:
wfaust@AtelierArchitects.com
www.AtelierArchitects.com

Sincerely,
ATELIER ARCHITECTS, INC.

Robert Cooper





January 20, 2011

Solomon Ikotun
DC Department of Real Estate Services
2000 14th Street NW, 8th Floor,
Washington, DC 20009

ARCHITECTURE
PLANNING
INTERIOR DESIGN

Re: 107 & 117 Wayne Place Project
AA project No. 08-056

The following is in response to the January 12, 2011 bid questions from Monarc Construction;

- 1. Specification Section 01 4000--1.05A states that the Contractor shall employ and pay for the independent testing and inspection services. Specification Section 03 3000-1.05D indicates that the Owner will employ the independent agency. Specification Section 04 2000-3.11A refers to Section 04 1000 for testing requirements in a section that has not been issued. Specification Section 05 1200-3.05, again refers to an Owner hired agency. Specification Section 31 6400-3.BA refers to a Contractor employed agency. Please confirm that it is the Owner's intention of employing the independent testing and inspection agency and that the Contractor's responsibility is only to afford access and coordinate with the agency.

Response: DRES will employ and pay for independent testing agency (third party inspection).

- 2. Section J of the Solicitation Documents references Wage Determination DC100004 dated 12/10/2010, Revision No.9 as Attachment J.6. The attached Wage Detenmination included in the documents is DC100005, Modification No.3 dated 09/24/10. Please confirm that the later document (DC100005) as included in the documents is the correct wage determination for the project.

Response: The attached wage determination is the correct one.

- 3. Please issue the necessary information for the project's hazardous material removal. It was understood at the pre-bid meeting that an asbestos survey was available.

Response: The Hazardous Material report was published on the OCP website as amendment #2 on January 12, 2011.

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WASHINGTON, DC 20005
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4. Please provide a revised Bid Form that includes spaces for providing the Alternate pricing specified in Section 01 2300. Please note that the listing of Alternates in both specifications duplicate #15 for two different alternates.

Response: Please find attached Addendum No. 3 – Options bid form.

5. Please provide a specification for the vinyl window material specified in Section 01 2300, Alternate #12.

Response: To be provided. [SEE ATTACHMENT E]

6. 107 Wayne Place Drawing A 1.2, Roof Plan B contains a note to reinstall the salvaged terra cotta coping while Detail 2 denotes what appears to be new metal coping. Please indicate the coping type to be included in the bid.

Response: Terra-cotta coping is to be installed.

7. 107 Wayne Place Drawings; Section 5/A4.1 shows a CMU wall at the basement level of the addition as does Section 08/S2.2. Drawing S1.1 Notes that the basement level wall is to be a concrete knee wall with 2x6 framing above. Please identify the correct wall construction

Response: Section 5/A4.1 and Section 08/S2.2 illustrate the correct wall construction.

Sincerely,

ATELIER ARCHITECTS, INC.



Robert Cooper



January 20, 2011

Solomon Ikotun
DC Department of Real Estate Services
2000 14th Street NW, 8th Floor,
Washington, DC 20009

Re: 107 & 117 Wayne Place Project
AA project No. 08-056

ARCHITECTURE

PLANNING

INTERIOR DESIGN

The following is in response to the January 18, 2011 bid questions from Monarc Construction;

1. Please clarify the material to be used for the 6' high site fencing. Drawing C1.04 notes the fence to be aluminum. The Detail on Drawing C1.07, while labeled aluminum fence contains notes specifying galvanized steel. Please advise as to the desired material.

Response: Provide aluminum material. See revised sheet C1.07 Detail – Aluminum Picket Fence detail.

2. Please provide specifications/details/manufacturers for the following items shown, but not specified:
 - a. Prefabricated Stakwel window well system. Our research shows that a "Stakwel" system as manufactured by Bilco does not correspond to the configuration as shown on Section S/A4.1.

Response: Provide Bilco ScapeWEL Window Well.

- b. Segmental block retaining walls as shown on Drawing C1.04 which reference the structural drawings for details. No details could be found on the structural drawings.

Response: Keystone Wall – Country Manor style with Geogrid reinforcement. Follow manufacturer's recommendations and standard details.

1003 K STREET NW, SUITE 830

WASHINGTON, DC 20005

202.898.9070

FAX 202.898.9077

E-MAIL:
wfaust@AtelierArchitects.com

www.AtelierArchitects.com

Sincerely,

A handwritten signature in black ink, appearing to read 'Robert Cooper', written in a cursive style.

Robert Cooper

Wayne Place Bldg. 107 Options

A. Option No. 1 - PORCH ROOF:

1. Delete Base Bid Item: STEEL AND STANDING SEAM ROOF as described on Drawings A2.1, A3.1, A4.1, A7.1, A7.2 & A7.3 .
2. Replace with Option Item: WOOD AND STANDING SEAM ROOF as described on Drawing ____ .

\$ _____

B. Option No. 2 - ALUMINUM AND CABLE GUARDRAIL SYSTEM:

1. Delete Base Bid Item: ALUMINUM AND CABLE GUARDRAIL SYSTEM as described on Drawings A3.1, A4.1, A7.1, A7.2 & A7.3.
2. Replace with Option Item: ALUMINUM GUARDRAIL SYSTEM WITH ALUMINUM PICKETS as described on Drawing ____.

\$ _____

C. Option No. 3 - CEILING FANS:

1. Delete Base Bid Item: CEILING FANS as described on Drawing A1.3 & A1.4 .
2. Add Option Item: Provide electrical wiring and devices as required to install ceilings fans in the future.

\$ _____

D. Option No. 4 - ALUMINUM FENCE:

1. Delete Base Bid Item: ALUMINUM PICKET FENCE as described on Drawing C1.07.
2. Replace with Option Item: Painted STEEL PICKET FENCE with same DETAILS, Section profile and hardware to match details on C1.07.

\$ _____

E. Option No. 5 - EXISTING EXTERIOR MASONRY WALL TUCK POINTING:

1. Delete Base Bid Item: TUCK POINTING for 100% of exposed existing masonry wall.
2. Add Option Item: TUCK POINTING allowance for 15% of exposed existing masonry wall.

\$ _____

F. Option No. 6 - RES-1 FLOORING:

1. Delete Base Bid Item: RES-1: CERES NATURAL FLOORS (SPARTAN SURFACES) - SEQUOIA PLANK 4"x36" 1122 CANADIAN MAPLE as described on drawings F1.1 & F1.2.
2. Replace with Option Item: Armstrong Luxe Plank - A6805 - Sugar Creek Maple – Natural

\$ _____

G. Option No. 7 - KITCHEN COUNTERTOP

1. Delete Base Bid Item: GRANITE COUNTER TOPS (BLACK NIGHT - DAL TILE - NATURAL STONE) as described on A5.1 & A5.2.
2. Replace with Option Item: PLASTIC LAMINATE (Plastic Laminate - Wilsonart Laminate - 4882-38 - Oiled Soapstone) Countertops.

\$ _____

H. Option No. 8 - KITCHEN CABINETS AND BATHROOM VANITIES:

1. Delete Base Bid Item: KITCHEN CABINETS AND BATHROOM VANITIES - Executive Kitchens, Inc.; Product - IMPACT; Ecofriendly Cabinets
2. Replace with Option Item: KITCHEN CABINETS AND BATHROOM VANITIES - Quality Cabinets - Hancock – Parline

\$ _____

I. Option No. 9 - GYPSUM WALL BOARD:

1. Delete Base Bid Item: Fiberglass-Faced and mold resistant gypsum wallboard.
2. Replace with Option Item: Standard mold resistant gypsum wallboard.

\$ _____

J. Option No. 10 - EXTERIOR POLE LIGHTS

1. Delete Base Bid Item: EXTERIOR POLE LIGHTS as described on C1.04 & C1.07.
2. Option Item: None

\$ _____

K. Option No. 11 - EXTERIOR TYPE A & B WINDOWS

1. Delete Base Bid Item: TYPE A & B WINDOWS and enlarged masonry openings as described on D1.1, D1.2, D2.1, A1.1, A1.2, A2.1, A3.1 & A10.2.
2. Replace with Option Item: Replace TYPE A Windows with TYPE C Windows and all TYPE B windows with TYPE D windows - installed in existing masonry openings.

\$ _____

L. Option No. 12 - WINDOWS

1. Deleted Base Bid Item: FIBERGLASS INSULATED WINDOWS
2. Replace with Option Item: VINYL INSULATED WINDOWS

\$ _____

M. Option No. 13 - 117 WAYNE PLACE SIDEWALK

1. Delete Base Bid Item: Rear yard 3'-6" wide concrete side walk to Alley as shown on C1.04.
2. Option Item: None.

\$ _____

N. Option No.14 - Roofing System at 107 Wayne Place

1. Deleted Base Bid Item: Thermoplastic Polyolefin membrane roofing system.
2. Replace with Option Item: Modified bituminous membrane roofing system

\$ _____

O. Option No.15 - Tub Surrounds

1. Deleted Base Bid Item: Solid Surfacing surrounds
2. Replace with Option Item: Fiberglass Tub Surrounds

\$ _____

P. Option No.15 - Rain Barrels

1. Deleted Base Bid Item: Rain Barrels and all associated equipment and connections.
2. Replace with Option Item: Connect down spouts to storm water management piping.

\$ _____

Q. Option No.16 - Intercom System

1. Deleted Base Bid Item: Delete Intercom System completely.
2. Option Item: None

\$ _____

Total Lump Sum Options Price \$ _____

Total Lump Sum Options Price in Words

Wayne Place Bldg. 117 Options

A. Option No. 1 - PORCH ROOF:

1. Delete Base Bid Item: STEEL AND STANDING SEAM ROOF as described on Drawings A2.1, A3.1, A4.1, A7.1, A7.2 & A7.3 .
2. Replace with Option Item: WOOD AND STANDING SEAM ROOF as described on Drawing ____ .

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C. Option No. 3 - CEILING FANS:

1. Delete Base Bid Item: CEILING FANS as described on Drawing A1.3 & A1.4 .
2. Add OptionItem: Provide electrical wiring and devices as required to install ceilings fans in the future.

\$ _____

D. Option No. 4 - ALUMINUM FENCE:

1. Delete Base Bid Item: ALUMINUM PICKET FENCE as described on Drawing C1.07.
2. Replace with Option Item: Painted STEEL PICKET FENCE with same DETAILS, Section profile and hardware to match details on C1.07.

\$ _____

E. Option No. 5 - EXISTING EXTERIOR MASONRY WALL TUCK POINTING:

1. Delete Base Bid Item: TUCK POINTING for 100% of exposed existing masonry wall.
2. Add Option Item: TUCK POINTING allowance for 15% of exposed existing masonry wall.

\$ _____

F. Option No. 6 - RES-1 FLOORING:

1. Delete Base Bid Item: RES-1: CERES NATURAL FLOORS (SPARTAN SURFACES) - SEQUOIA PLANK 4"x36" 1122 CANADIAN MAPLE as described on drawings F1.1 & F1.2.
2. Replace with Option Item: Armstrong Luxe Plank - A6805 - Sugar Creek Maple – Natural

\$ _____

G. Option No. 7 - KITCHEN COUNTERTOP

1. Delete Base Bid Item: GRANITE COUNTER TOPS (BLACK NIGHT - DAL TILE - NATURAL STONE) as described on A5.1 & A5.2.
2. Replace with Option Item: PLASTIC LAMINATE (Plastic Laminate - Wilsonart Laminate - 4882-38 - Oiled Soapstone) Countertops.

\$ _____

H. Option No. 8 - KITCHEN CABINETS AND BATHROOM VANITIES:

1. Delete Base Bid Item: KITCHEN CABINETS AND BATHROOM VANITIES - Executive Kitchens, Inc.; Product - IMPACT; Ecofriendly Cabinets
2. Replace with Option Item: KITCHEN CABINETS AND BATHROOM VANITIES - Quality Cabinets - Hancock – Parline

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1. Delete Base Bid Item: Fiberglass-Faced and mold resistant gypsum wallboard.
2. Replace with Option Item: Standard mold resistant gypsum wallboard.

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J. Option No. 10 - EXTERIOR POLE LIGHTS

1. Delete Base Bid Item: EXTERIOR POLE LIGHTS as described on C1.04 & C1.07.
2. Option Item: None

\$ _____

K. Option No. 11 - EXTERIOR TYPE A & B WINDOWS

1. Delete Base Bid Item: TYPE A & B WINDOWS and enlarged masonry openings as described on D1.1, D1.2, D2.1, A1.1, A1.2, A2.1, A3.1 & A10.2.
2. Replace with Option Item: Replace TYPE A Windows with TYPE C Windows and all TYPE B windows with TYPE D windows - installed in existing masonry openings.

\$ _____

L. Option No. 12 - WINDOWS

1. Deleted Base Bid Item: FIBERGLASS INSULATED WINDOWS
2. Replace with Option Item: VINYL INSULATED WINDOWS

\$ _____

M. Option No. 13 - 117 WAYNE PLACE SIDEWALK

1. Delete Base Bid Item: Rear yard 3'-6" wide concrete side walk to Alley as shown on C1.04.
2. Option Item: None.

\$ _____

N. Option No.14 - Roofing System at 107 Wayne Place

1. Deleted Base Bid Item: Thermoplastic Polyolefin membrane roofing system.
2. Replace with Option Item: Modified bituminous membrane roofing system

\$ _____

O. Option No.15 - Tub Surrounds

1. Deleted Base Bid Item: Solid Surfacing surrounds
2. Replace with Option Item: Fiberglass Tub Surrounds

\$ _____

P. Option No.15 - Rain Barrels

1. Deleted Base Bid Item: Rain Barrels and all associated equipment and connections.
2. Replace with Option Item: Connect down spouts to storm water management piping.

\$ _____

Q. Option No.16 - Intercom System

1. Deleted Base Bid Item: Delete Intercom System completely.
2. Option Item: None

\$ _____

Total Lump Sum Options Price

\$ _____

Total Lump Sum Options Price in Words

WAYNE PLACE DWELLINGS**SECTION 08 5313****VINYL WINDOWS****PART 1 GENERAL****1.01 SECTION INCLUDES**

- A. Factory fabricated tubular extruded plastic windows with operating sash.
- B. Factory glazed.
- C. Operating hardware.
- D. Insect screens.

1.02 PERFORMANCE REQUIREMENTS

- A. Performance Requirements: As specified in PART 2, with the following additional requirements:
- B. Assembly: To accommodate, without damage to components or deterioration of seals, movement between window and perimeter framing, deflection of lintel.
- C. Vapor Seal: No vapor seal failure at interior static pressure of 1 inch, 72 degrees F, and 40 percent relative humidity.
- D. System Internal Drainage: Drain water entering joints, condensation occurring in glazing channels, or migrating moisture occurring within system, to the exterior by a weep drainage network.
- E. Air and Vapor Seal: Maintain continuous air barrier and vapor retarder throughout assembly, primarily in line with inside pane of glass and heel bead of glazing compound. Position thermal insulation on exterior surface of air barrier and vapor retarder.
- F. Thermal Movement: Design sections to permit movement caused by thermal expansion and contraction of plastic to suit glass, infill, and perimeter opening construction.

1.03 SUBMITTALS

- A. See Section 01 3000 - Administrative Requirements, for submittal procedures.
- B. Product Data: Provide component dimensions, anchorage and fasteners, glass, internal drainage details.
- C. Shop Drawings: Indicate opening dimensions, framed opening tolerances, affected related work, installation requirements.
- D. Submit two samples of operating hardware.
- E. Manufacturer's Certificate: Certify that products of this section meet or exceed specified requirements.
- F. Warranty: Submit manufacturer warranty and ensure that forms have been completed in District of Columbia - Department of Real Estate Services's name and registered with manufacturer.

1.04 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section, with not less than three years of documented experience.

1.05 DELIVERY, STORAGE, AND HANDLING

- A. Protect finished surfaces with wrapping. Do not use adhesive papers or sprayed coatings that bond when exposed to sunlight or weather.

WAYNE PLACE DWELLINGS

- B. Jig, brace, and box the window frame assemblies for transport to minimize flexing of members or joints.

1.06 FIELD CONDITIONS

- A. Do not install sealants when ambient temperature is less than 40 degrees F.
- B. Maintain this minimum temperature during and after installation of sealants.

1.07 WARRANTY

- A. See Section 01 7800 - Closeout Submittals, for additional warranty requirements.
- B. Correct defective Work within a five year period after Date of Substantial Completion.
- C. Provide five year manufacturer warranty for insulated glass units from seal failure, interpane dusting or misting, and replacement of same. Include coverage for degradation of color finish.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Tubular Plastic Windows:
 - 1. Alside, Inc: www.alside.com.
 - 2. Atrium Companies, Inc: www.atriumcompanies.com.
 - 3. Silver Line Building Products Corp: www.silverlinewindow.com.
 - 4. Substitutions: See Section 01 6000 - Product Requirements.

2.02 COMPONENTS

- A. Windows: Extruded, hollow, tubular, ultra-violet resistant polyvinyl chloride (PVC) with integral color; factory fabricated; with vision glass, related flashings, anchorage and attachment devices.
- B. Insect Screen Frame: Rolled aluminum frame of rectangular sections; fit with adjustable hardware; nominal size similar to operable glazed unit.
- C. Insect Screens: 18 x 16 mesh, glass fiber strands.
- D. Operable Sash Weather Stripping: Wool pile; permanently resilient, profiled to effect weather seal.

2.03 GLASS AND GLAZING MATERIALS

- A. Glass and Glazing Materials: As specified in Section 08 8000 of Types described below:
 - 1. Glass in Exterior Lights: Clear Glass - 0.50 U Factor Type.

2.04 HARDWARE

- A. Double Hung Sash: Metal and nylon spiral friction slide cylinder, each sash, each jamb.
- B. Operator: Lever action handle fitted to projecting sash arms with limit stops.
- C. Sash lock: Lever handle with cam lock.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify wall openings and adjoining air and vapor seal materials are ready to receive work of this Section.

3.02 INSTALLATION

- A. Install window units in accordance with manufacturers instructions.

WAYNE PLACE DWELLINGS

- B. Attach window frame and shims to perimeter opening to accommodate construction tolerances and other irregularities.
- C. Align window plumb and level, free of warp or twist. Maintain dimensional tolerances and alignment with adjacent work.
- D. Provide thermal isolation where components penetrate or disrupt building insulation. Pack fibrous insulation in shim spaces at perimeter of assembly to maintain continuity of thermal barrier.
- E. Coordinate attachment and seal of perimeter air and vapor barrier materials.
- F. Install operating hardware.
- G. Install perimeter sealant and backing materials in accordance with Section 07 9005.

3.03 FIELD QUALITY CONTROL

- A. Test installed windows for compliance with performance requirements for water penetration, in accordance with ASTM E 1105 using uniform pressure and same pressure difference as specified for laboratory tests.
 - 1. If any window fails, test additional windows at Contractor's expense.
- B. Replace windows that have failed field testing and retest until performance is satisfactory.

3.04 ADJUSTING

- A. Adjust hardware for smooth operation and secure weathertight closure.

3.05 CLEANING

- A. Remove protective material from pre-finished surfaces.
- B. Wash surfaces by method recommended and acceptable to sealant and window manufacturer; rinse and wipe surfaces clean.
- C. Remove excess sealant by moderate use of mineral spirits or other solvent acceptable to sealant manufacturer.

END OF SECTION