

# NYS Building Performance Materials 2018-2019

## Category: Baseload

### Items bidding

NON-Shut off Kitchen Aerators  
Shut Off Kitchen Aerators  
NON-Shut off Bathroom Sink Aerators  
Shut Off Bathroom Sink Aerators  
Fixed Showerhead  
Hand Held Showerhead

### Instructions & Specs

#### General Aerator

Specifications: Aerators must conform with US DOE as identified under 10 CFR Part 430; which meets the federal water conservation flow standard of no more than 2.2 gpm at 60 psi & required test procedures as set forth in the current version of the ANSI/ASME A112.18.1:2012 standard.

The vendor should submit independent laboratory test data to demonstrate that the product meets the requirements of the specification and applicable national standards. "Independent" shall be defined as not owned by the vendor or manufacturer.

Aerators will be furnished with either a 15/16" male thread, 55/64" female thread or 13/16" male thread to fit most standard faucets.

Aerators shall be resistant to clogging and shall be self-cleaning.

The flow rate shall be a minimum of approximately 1.0 gallons per minute at an inlet water pressure of 40psi and no more than 2.2 gpm at an inlet water pressure of 60psi. Maximum flow rate shall be the measure flow rate when the faucet is in the fully opened position.

Aerators shall withstand water pressure of 125psi and a temperature of 160 degrees Fahrenheit.

All aerators shall be capable of easy installation without the use of tools, except for "vandal-resistant" bathroom aerators in multifamily buildings.

#### Kitchen Aerators

Specifications: Shall be equipped with a dual ball-swivel action to allow 360 degree rotation at an approximate 45 degree angle from vertical. The device shall be adjustable from a steady stream to a spray pattern in one "up/down" motion.

#### Bathroom Aerators

Specifications: The aerator shall be constructed of chrome/nickel-plated brass. The restrictor plate shall be of a multi-orifice design. Click [link](#) for more info.

#### Showerheads

Specifications: Showerheads must bear the [WaterSense label](#) as established by the EPA WaterSense Standard, flowing at 2.0 gpm or less; click [link](#) for more info. **Applicable third party test reports must accompany bid submittals.**

The showerhead shall be capable of automatically clearing debris, such as mineral deposits, rust, scale or other impurities from the water channels or pores located in the showerhead.

The showerhead will be furnished with IP thread to fit most standard shower arms. Adapters shall be furnished, as required to accommodate nonstandard shower arms.

The showerhead shall withstand water pressure of 125psi and a temperature of 160 degrees Fahrenheit.

All showerheads shall be capable of installation without the use of tools.

All showerheads shall be equipped with any necessary washers and plumbing tape.

The vendor is responsible for confirming that all proposed manufacturers hold patent and legal rights for their products.

### **Fixed Showerhead**

Specifications: The showerhead shall meet the water efficiency criteria as outlined in the chart below.

The fixed showerhead **MUST** have a pressure-compensating flow valve and **MAY** include a temperature actuated flow reduction valve that meets the standard as set forth in IAPMO IGC 244-2015a.

The fixed showerhead **MAY** have multiple spray patterns. The multiple spray showerhead body shall be "fingertip" adjustable between a fine needle-type shower and an approximately nine-port concentrated massage-type shower. The adjustment shall be accomplished through a movable ribbed ring portion of the body at the user end. Showerheads which require adjustment by twisting an adjustment device at the center of the spray or behind the head are unacceptable.

### **Hand held Showerhead**

The hand held showerhead assembly shall include a hose section and shall be at least 58" inches in total length.

The hand held device shall be capable of hands-free operation as well as being capable of hand held operation.

The hand held showerhead **MUST** have a pressure-compensating flow valve and **MAY** include a temperature actuated flow reduction valve that meets the standard as set forth in IAPMO IGC 244-2015a.

The fixed showerhead **MAY** have multiple spray patterns. The hand held showerhead shall have standard and rapid-pulse massager flow settings. The fingertip adjustment ring to change from "standard" to "massage" setting shall be similar to that described for showerhead "B"

The showerhead and hose shall attach to each other and the hose to the adapter/connect for the shower arm. Connection ends shall be solid, not flexible.

# NYS Building Performance Materials

## Category: Air Infiltration

### Items bidding

Latex Caulk White/ Clear  
100% Silicone Caulk  
Caulk – High Performance Sealant  
High Temperature Silicone Caulk  
Furnace Sealing Cement  
Magnetic Filter Slot Cover  
One Component Foam - 10lb+ tank w/ dispensing accessories  
One Component Foam - 12 oz.  
One Component Foam - 33 oz.  
Two Component Foam  
Fire Rated Two Component Foam  
Touch 'n Seal Spray Foam Nozzles  
Duct Sealant- 1 gallon size  
Aluminum Foil Ductboard Tape  
Tyvek House Wrap  
Weatherstripping – Type I  
Weatherstripping – Type II Pine w/ vinyl flange - Narrow or Wide  
Weatherstripping – Type II Aluminum w/ vinyl wedge  
Door Sweeps – Type I  
Door Sweeps – Type II  
Air Conditioner Covers Vinyl - sizes listed in bid  
Air Conditioner Cover - Interior  
Hot water tank wraps  
Pipe-wrap Insulation  
Attic hatch insulation covers  
Recessed light protective covers  
Double reflective foil insulation  
Double reflective, double bubble foil insulation

### Instructions & Specs

#### **Latex Caulk – White/Clear**

Specifications: Must conform with ASTM C834-17

Shall be a one component, non-sag sealant. Composed of latex formulated with appropriate fillers, pigments and chemical additives to conform to the above mentioned ASTM Standard. Life expectancy shall be a minimum of 25 years.

#### **Latex Painter's Caulk – White/Clear**

Specifications: Must conform with ASTM C834-17

Shall be a one component, non-sag sealant. Composed of latex formulated with appropriate fillers, pigments and chemical additives to conform to the above mentioned ASTM Standard. Life expectancy shall be a minimum of 25 years.

**Silicone Caulk**

Specifications: 100% Silicone.

Must Conform with ASTM C 920-14a

Shall be a one component, non-sag sealant. The sealant shall be classified under Type S, Grade NS and Use NT under the above mentioned ASTM Standard.

Specify Color with Description. Must be 100% Silicone.

**Caulk – High Performance Sealant**

Specifications: Must conform with ASTM C920-14a

Shall be a one component, non-sag sealant, and shall meet all requirements of the ASTM Standard Above.

Product is different from other caulk categories as these products shall be designed for use in wet or damp conditions, and shall be applicable at temperatures as low as 0°F.

**High Temperature Silicone Caulk**

Specifications: Shall be 100% silicone. Flexible, effective from -75 degrees F to +500 degrees F

Must Conform with ASTM C920-14a

**Furnace Sealing Cement**

Specifications: Must be able to withstand temperatures of 2,700 degrees F

Must conform with ASTM C199-84

**Magnetic Filter Slot Cover**

Attaches magnetically to metal air ducts' filter slots to reduce air and heat loss and keep out allergens and pollutants; state size.

**One Component Foam**

Specifications: One component polyurethane foam sealant, minimal expanding. Must have tack free time no more than 30 minutes and no more than a 4 hour cure time. Must have at least a 70% closed cell content. Should contain no CFC's and be UL Classified.

**Two Component Foam**

Specifications: Two component polyurethane foam sealant. Must have tack free time no more than 60 seconds and no more than a 2-5 minute cure time. Should expand at a ratio of 8:1. Should contain no CFC's and be UL Classified. Specify if gun and hose assembly is included.

**Fire Rated -Two Component Foam**

Specifications: Two component polyurethane foam sealant. Must have tack free time no more than 60 seconds and no more than a 2-5 minute cure time. Should expand at a ratio of 8:1. Should contain no CFC's and be UL Classified. ASTM E-84-17a Fire Rating. Specify if gun and hose assembly is included.

**Touch 'n Seal Spray Foam Nozzles**

White-Conical

Produces a focused spray pattern

Yellow-Fan

Produces a wider spray pattern for more coverage

Specify quantity.

**Duct Sealant**

Specifications: Water based product for sealing joints in all types of HVAC duct systems. Should provide excellent adhesion to metal duct, fiberglass duct board and flexible duct. Product should be nonflammable and can be used on indoor and outdoor duct systems. List 11 oz. and all other sizes. Mastic must also meet the following UL Standard: UL 181A-M and UL 181B-M.

**Aluminum Foil Duct Board Tape**

Specifications: Heavy duty, high strength aluminum foil tape. For use with fiberglass duct board systems, sheet metal, flex duct etc. Must meet UL 181A standard for use as a closure material on fiberglass duct systems for permanently flexible seals, and UL 181B standard for use on flexible air ducts and closures.

Please specify length, width, and thickness.

**Tyvek House Wrap**

Specifications: 9ft x 100ft , 9ft x 150ft specify size. Helps prevent mold and mildew growth, stops air movement through walls,

**Weatherstripping – Type I**

Specifications: Premium nail on wood or composite door stop combination with santoprene skin and foam (flexible 70 degrees) set into dado of clamshell style primed ponderosa pine. Specify Narrow or wide

**Weatherstripping – Type II**

Specifications: Pine Wooden or Composite carrier with Vinyl Flange

**Door Sweeps – Type I**

Specifications: Bottom Sweep w/ Screws. Heavy duty sweep w/ overall height of 2 ¾", has a 1 3/16" heavy duty aluminum flange with a notch to hold the rubber sweep. The rubber sweep is a heavy duty rubber flange with an overall length of 1 ½" and 1 3/16" exposed rubber sweep.

**Door Sweeps – Type II**

Specifications: Bottom Triple Sweep/Triple Seal w/ Screws. Heavy duty sweep w/ overall height of 1 ¾", has a 1 1/16" heavy duty aluminum flange with a notch to hold the rubber sweep. The rubber sweep is a heavy duty four tier step rubber flange with an overall length of 7/8" and 9/16" exposed rubber sweep.

**Air Conditioner Covers – Vinyl**

Specifications: Exterior air conditioner cover, various sizes, vinyl.

**Air Conditioner Cover - Interior**

Specifications: Solution for through the wall air conditioner sleeves, to eliminate drafts. Product should include all necessary hardware for installation without need for duct tape, caulk, or mess. Cover should be reusable seasonally, include information on warranty/product life. Include sizing in description, extra space has been left on this page for additional information, and submission of product literature with bid is encouraged.

**Hot Water Tank Wraps**

Specifications: Vinyl-Faced fiberglass blanket for gas, oil, or electric water heaters up to 60 gallon capacity. Tape to be included. Shall be capable of meeting a flame spread of 150 (per ASTM E-84-17a).

**Pipe-wrap Insulation**

Specifications: Insulation for wrapping ½" and ¾" pipe. Please specify lengths, and quantities per box.

**Attic hatch insulation covers**

Specifications: Must have an R value of at least 38. Must be Energy Star rated. Please provide sizes. As an assembled system, it meets all requirements of the 2015 editions of the International Energy Conservation Code (IECC), International Residential Code (IRC) and other Federal and State mandates. No compressible insulation can be used. A durable barrier around the rough cut is required. The solution needs to last for a minimum of 20 years.

**Recessed light protective covers**

Specifications: Must be compatible with all types of insulation, fire retardant, applicable to IC-rated lights to prevent shut off feature when overheated. Provide MSDS. State whether vented or non-vented, dimensions. Must be tested according to UL 1598.

**Double Reflective Foil Insulation**

Specifications: Must be compatible with all types of insulation, fire retardant, applicable to IC-rated lights to prevent shut off feature when overheated. Provide MSDS. State whether vented or non-vented, dimensions. Must be tested according to UL 1598.

**Double Reflective, Double Bubble Foil Insulation**

Must meet ASTM E-84-17a.  
State width and length of roll.  
State R value.

# NYS Building Performance Materials

## Category: Energy Efficient Lamps

### Items bidding:

LED Torpedo W/Candelabra Base: 325 Lumens or greater  
LED Torpedo W/E26 Base: 325 Lumens or greater  
LED A-Lamp 800 Lumens or greater  
LED A-Lamp 1100 Lumens or greater  
LED A-Lamp 1600 Lumens or greater  
LED A-Lamp 800 Lumens or greater equal to or greater than 5000K  
LED A-Lamp 1100 Lumens or greater equal to or greater than 5000K  
LED A-Lamp 1600 Lumens or greater equal to or greater than 5000K  
LED A-Lamp Three Way  
LED R30 Flood 850 Lumens or greater  
LED R40 Flood 1,400 Lumens or greater  
LED G25 Globes 450 Lumens or greater

### Instructions & Specs:

#### Energy Efficient Lamps (For all Categories):

All lamps must be [Energy Star Labeled](#) and meet the current V2.0 specifications effective 1/2/17.

Bulbs should have a medium base, have a color temperature between 2200K and 3500K unless otherwise specified, and be UL Rated.

Within each category, bulbs will be requested by minimum initial lumens.

Enter Y or N regarding if your lamp is dimmable.

Ballast characteristics shall be according to the specification provided by the manufacturer.

Note: Candle (multiple base sizes will be accepted, please specify)

All lamps submitted shall be listed on the [energystar.gov](http://energystar.gov) website.

# NYS Building Performance Materials

## Category: Detectors and Alarms

### Items bidding:

Smoke Detectors – “Type I” - Battery Operated  
Smoke Detectors – “Type I” – Sealed Battery  
Smoke Detector – “Type I” - Lithium  
Smoke Detector – “Type I” – Sealed Lithium Battery  
Smoke Detectors – “Type II” – Photoelectric Sensor  
Smoke Detectors – “Type III” – Photoelectric Sensor and Dual Ionization  
Carbon Monoxide Detector - Battery Operated  
Carbon Monoxide Detector - Sealed Battery  
Carbon Monoxide Detector - Lithium  
Carbon Monoxide Detector - Sealed Lithium Battery  
Carbon Monoxide Detector - Battery Operated w/ Digital Readout  
Carbon Monoxide Detector - Lithium w/ Digital Readout  
Carbon Monoxide Detector –AC plug w/ battery backup w/ Digital Readout  
Carbon Monoxide Detector –hard wired w/ battery backup  
Carbon Monoxide Detector –hard wired w/ battery backup, w/ Digital Readout  
Combination Detector – Battery Operated  
Combination Detector – AC plug or hard wired  
Combination Detector- Photoelectric sensor

### Instructions & Specs:

**FOR ALL SMOKE AND CO DETECTORS, PLACE UNITS IN PROPER CATEGORY, PRODUCTS WILL ONLY FIT IN ONE CATEGORY FOR RESULTS**

NYS Law will require that smoke detectors be hardwired or have a non-removable/non-replaceable 10-year battery after April 1, 2019.

Licensees should be aware that as of April 1, 2019, the new General Business Law Section 399-ccc requires all new or replacement smoke detectors in New York State to be powered by a 10-year, sealed, non-removable battery or hardwired to the home. According to 399-ccc: “It shall be unlawful for any person or entity to distribute, sell, offer for sale, or import any solely battery operated smoke detecting alarm device powered by a replaceable, removable battery not capable of powering such device for a minimum of ten years.” Licensees should not distribute smoke detectors with removable batteries to clients or customers after April 1, 2019.

#### **NOTE:**

Non-sealed smoke detectors are to have their designated battery provided, a test button, and low battery indicator. All models should be UL rated and have a min 5 yr. manufacturer’s warranty.

Sealed smoke detectors are to have a designated non-removable/non-replaceable 10-year battery provided, a test button, and low battery indicator. All models should be UL rated and have a min 10 yr. manufacturer’s warranty.

**Smoke Detectors – “Type I” – Battery Operated**

Specifications: Battery Operated; lithium – removable battery.

**Smoke Detectors – “Type I” – Sealed Battery**

Specifications: 10 year sealed non-removable/non-replaceable battery; sealed lithium battery.

**Smoke Detectors – “Type II” – Photoelectric Sensor**

Specifications: Models must have a battery backup. Bid models with and without hush feature; please specify whether or not each model has this feature. Specify if hardwired or AC plug. (Y or N)

**Smoke Detectors – “Type III” – Photoelectric Sensor and Dual Ionization**

Specifications: Models must have a battery backup. Bid models with and without hush feature; please specify whether or not each model has this feature. Specify if hardwired or AC plug. (Y or N)

**NOTE:**

CO Detectors are to have the designated battery provided, a test button, and low battery indicator. All models should be UL 2034-02 rated.

**Carbon Monoxide Detector – Removable & Sealed Battery**

Specifications: 10 year sealed non-removable/non-replaceable battery operated/5 year removable battery, in order to maintain manufacturer’s warranty.

**Carbon Monoxide Detector – Removable & Sealed Lithium Battery**

Specifications: 10 year sealed non-removable/non-replaceable lithium battery operated/5 year removable lithium battery, in order to maintain manufacturer’s warranty.

**Carbon Monoxide Detector – w/ Digital Readout**

Specifications: Battery Operated

**Carbon Monoxide Detector –Lithium w/ Digital Readout**

Specifications: All models in this category shall be manufacturer packaged with a lithium battery, in order to maintain manufacturer’s warranty.

**Carbon Monoxide Detector – w/ Digital Readout**

Specifications: AC Plug with battery backup.

**Carbon Monoxide Detector**

Specifications: Hard wired with battery backup.

**NOTE:** All types of combination detectors are to have their designated battery provided, a test button, and low battery indicator. All models must meet UL217 & UL2034 standards and have a min 5 yr. manufacturer’s warranty.

**Combination Detector - Battery Operated**

Specifications: Combination must meet ASTM E84-14. Must meet 25 ASTM E84-14.

**Combination Detector – AC Plug or Hard Wired**

Please indicate whether hard wired or AC. (Y or N) Battery backup required.

**Combination Detector Photoelectric Sensor**

Please indicate if hardwired for AC (Y or N)

# NYS Building Performance Materials

## Category: Insulation

### Items bidding:

Batt or Roll Insulation  
Blown Insulation  
Foam Board/Blue Board  
High R Value Flat Sheet Rigid Foam

### Instructions and Specs:

#### Batt or Roll Specs

All products must meet specifications and comply with all City of New York and NYS Building Codes including the property requirement of ASTM-C665-17.

Specify whether batt or roll. Must be R-30

#### Blown Insulation Specs

This category will include all types of blown insulation; fiberglass, cellulose, or otherwise. All products must meet specifications and comply with all NYS Building Codes including ASTM- C739-17 or ASTM C764-17 as appropriate.

**SPECIFY WHETHER 100% BORATE, SULFATE BLEND, OR FIBERGLASS.**

#### Cellulose

Basic material shall be recycled wood-base cellulosic fiber made from selected paper, paperboard stock, or ground wood stock, excluding contaminated materials which may reasonably be expected to be retained in the finished product.

Fire Safety Requirements for Thermal Insulating Materials According to Insulation Use—Attic Floor—insulation materials intended for exposed use in attic floors shall be capable of meeting the same flammability requirements given for insulation in ASTM C739-17; Enclosed spaces—insulation materials intended for use within enclosed stud or joist spaces shall be capable of meeting smoldering combustion requirements in ASTM C739-17.

In order for bids to be considered, vendors who wish to bid on blown insulation **must** provide the following:

For all products in this category, additional documentation should be provided with bid sheets to support any coverage information provided.

**\*\*INTERIM SAFETY STANDARD FOR CELLULOSE - [16CFR Part 1209](#)**

**Proof that the manufacturer subscribes to a regular inspection and laboratory certification program conducted by Underwriters Laboratories, the United States Testing Company, or another laboratory. "Regular" inspection is defined as follow-up testing of the product for smoldering combustion, critical radiant flux, and settled density, and testing for corrosiveness at least annually. \*\***

\*\* NYSWDA or Purchasers may request during the term of this agreement, that follow-up testing information be sent.

Bid should be based on a loose fill, R-30. R-value is to be at settled density, no framing.

**Foam Board/Blue Board – 2x2x8 and 2x4x8**

Specifications: R10 Unfaced Polystyrene Foam Board Insulation, meets and exceeds all type IV and Type X specifications. Modified as required to meet ASTM C578.

**High R Value Flat Sheet Rigid Foam – 1” and 2”**

Specifications: Higher R-value per inch than standard flat-sheet rigid foam, suitable for walls, floors, roofs and ceilings, indoors and out. 1” and 2” thickness.

[View the list of Energy Star certified insulation partners.](#)

# NYS Building Performance Materials

## Category: Health and Safety

### Items bidding:

Half Mask Face Piece  
P100 Cartridges  
Organic Vapor Cartridges  
Filtering Face Piece (Dust Masks)  
Nitrile Gloves  
Safety Glasses – Clear  
Safety Glasses- Tinted  
Hard Hats  
Tyvek Coveralls w/ elastic wrists, ankles, and hood- specify sizes  
Tyvek Boot Covers – one size fits all  
Duct Tape 2” Roll  
Duct Tape 3” Roll  
Polyethylene Sheeting – Clear 2 mil boxed roll – 10 ft. wide  
Polyethylene Sheeting – Clear 2 mil drop cloths  
Polyethylene Sheeting – Clear 2 mil – 10’x25’ sheets in bags  
Polyethylene Sheeting – Clear 4 mil boxed roll – 10 ft. wide  
Polyethylene Sheeting – Clear 4 mil – 10’x25’ sheets in bags  
Polyethylene Sheeting – Clear 6 mil boxed roll – 10ft wide  
Polyethylene Sheeting – Clear 6 mil boxed roll – 12’ x 100’  
6 mil Poly Bags – 40 Gallon

### Instructions and Specs:

**Half Mask Face Piece and Cartridges** - Specifications: Must Be 42 CFR 84 NIOSH APPROVED  
List all sizes for masks.

**Filtering Face Piece (Dust Masks)** - Specifications: Disposable. Must be NIOSH N95 rated.

**Nitrile Gloves** - Specifications: Disposable. List all available sizes.

**Safety Glasses** - Specifications: Must meet ANSI standard Z87.1-2015

**Hard Hats** - Specifications: Must meet ANSI Standard Z89.1-2014

**Duct Tape 2” Roll, Duct Tape 3” Roll** – specify length of roll

**Polyethylene Sheeting – Clear** Specify sizes/lengths where applicable

**6 mil Poly Bags – 40 Gallon** - Specify Quantity

# NYS Building Performance Materials

## Category: Windows

### Items bidding:

#### Replacement Windows - Single Hung, Double Hung, Slider, Casement, Picture

Up to 50 UI  
51-60 UI  
61-70 UI  
71-80 UI  
81-90 UI  
91-100 UI  
Per UI over 100

#### High Performance - Replacement Windows- R-5 - Single Hung, Double Hung, Slider, Casement, Picture

Up to 50 UI  
51-60 UI  
61-70 UI  
71-80 UI  
81-90 UI  
91-100 UI  
Per UI over 100

### Instructions and Specs:

#### Replacement Windows

Specifications: R-5, High Performance Windows are a separate category, please see below.

All windows shall be Energy Star® Certified. Standard Low-E, Argon Gas Filled.

Frame and sash corners fusion-welded, all windows are to be available in white, please specify additional colors available.

For applicable styles, half or full screen should be provided, and two sash locks on windows 27 ½" and wider.

For the purpose of this bid, pricing is to be submitted for the specified ranges. Alternate ranges may not be accepted.

**NOTE:** Sliders- specify if one or both sides operable



# NYS Building Performance Materials

## Category: Mobile Home

### Items bidding:

Mobile Home Furnaces - Oil

Mobile Home Furnaces - Gas (Not High Efficiency)

Mobile Home Furnaces - High Efficiency Gas

Self-Adhering – Low Slope – Roofing Membrane

Mobile Home Belly Patch Fabric

Doors- Fiberglass Skin, Vertical Slider Up to 32"W x Up to 76"H

Doors- Fiberglass Skin, Vertical Slider Up to 34"W x Up to 76"H

Doors- Fiberglass Skin, Vertical Slider Up to 32"W x Up to 78"H

Doors- Fiberglass Skin, Fixed Lite Up to 32"W x Up to 76"H

Doors- Fiberglass Skin, Fixed Lite Up to 34"W x Up to 76"H

Doors- Fiberglass Skin, Fixed Lite Up to 32"W x Up to 78"H

Doors- Fiberglass Skin, No Lite Up to 32"W x Up to 76"H

Doors- Fiberglass Skin, No Lite Up to 34"W x Up to 76"H

Doors- Fiberglass Skin, No Lite Up to 32"W x Up to 78"H

Doors- Aluminum, Fixed Lite Up to 32"W x Up to 76"H

Doors- Aluminum, Fixed Lite Up to 34"W x Up to 76"H

Doors- Aluminum, Fixed Lite Up to 32"W x Up to 78"H

Doors- Aluminum, No Lite Up to 32"W x Up to 76"H

Doors- Aluminum, No Lite Up to 34"W x Up to 76"H

Doors- Aluminum, No Lite Up to 32"W x Up to 78"H

Combo Door- In cased storm, 4" jamb 32" x 72"

Combo Door- In cased storm, 4" jamb 32" x 74"

Combo Door- In cased storm, 4" jamb 32" x 76"

Combo Door- In cased storm, 4" jamb 32" x 78"

Combo Door- In cased storm, 4" jamb 32" x 80"

Combo Door- In cased storm, 4" jamb 34" x 72"

Combo Door- In cased storm, 4" jamb 34" x 74"

Combo Door- In cased storm, 4" jamb 34" x 76"

Combo Door- In cased storm, 4" jamb 34" x 78"

Combo Door- In cased storm, 4" jamb 34" x 80"

Combo Door- In cased storm, 4" jamb 36" x 76"

Combo Door- In cased storm, 4" jamb 36" x 80"

Combo Door- In cased storm, 6" jamb 32" x 72"

Combo Door- In cased storm, 6" jamb 32" x 74"

Combo Door- In cased storm, 6" jamb 32" x 76"

Combo Door- In cased storm, 6" jamb 32" x 78"

6 Panel Outswing Door, 32" x 72"

6 Panel Outswing Door, 32" x 76"

6 Panel Outswing Door, 34" x 76"

Windows- Single Hung w/ half screen, 14 ¼" x 27 1/16"

Windows- Single Hung w/ half screen, 30 ¼" x 27 1/16"

Windows- Single Hung w/ half screen, 30 ¼" x 30"

Windows- Single Hung w/ half screen, 30 ¼" x 35 ¾"

Windows- Single Hung w/ half screen, 30 ¼" x 39 5/8"

Windows- Single Hung w/ half screen, 30 ¼" x 53 5/16"

Windows- Single Hung w/ half screen- other sizes

Windows- Double Hung w/ half screen, 14 ¼" x 27 1/16"

Windows- Double Hung w/ half screen, 30 ¼" x 27 1/16"

Windows- Double hung w/ half screen, 30 ¼" x 30"

Windows- Double hung w/ half screen, 30 ¼" x 35 ¾"

Windows- Double hung w/ half screen, 30 1/4" x 39 5/8"  
Windows- Double hung w/ half screen, 30 1/4" x 53 5/16"  
Windows- Double hung w/ half screen- other sizes

## **Instructions and Specs:**

### **Mobile Home Furnaces - Oil**

Specifications: All units must have an 80% AFUE or better. Provide pricing for all units from 50K-100K BTU (specify AFUE).

Provide pricing for strictly the furnace. Also provide separate pricing for standard accessories needed for installation (Base Kit, Vent Pipe, Roof Jack, Chimney Cap, Air Filter/Retainer Kit). Purchasers will therefore be able to analyze pricing for specific needs to determine total price.

### **Mobile Home Furnaces - Gas (Not High Efficiency)**

Specifications: All units must have an 80% AFUE or better. Provide pricing for all units from 50K-100K BTU (specify AFUE).

Provide pricing for strictly the furnace. Also provide separate pricing for standard accessories needed for installation (Base Kit, Vent Pipe, Roof Jack, Chimney Cap, Air Filter/Retainer Kit). Purchasers will therefore be able to analyze pricing for specific needs to determine total price.

### **Mobile Home Furnaces - High Efficiency Gas**

Specifications: All units must have a 90% AFUE or better. Provide pricing for all units from 50K-100K BTU (specify AFUE).

Provide pricing for strictly the furnace. Also provide separate pricing for standard accessories needed for installation (Base Kit, Vent Pipe, Roof Jack, Chimney Cap, Air Filter/Retainer Kit). Purchasers will therefore be able to analyze pricing for specific needs to determine total price.

### **Self-Adhering – Low Slope – Roofing Membrane**

Specifications: Product is to be in roll form, self-adhering. Please specify color, width, and length of roll. Products are to be UL rated.

### **Mobile Home Belly Patch Fabric**

Specifications: Fabric/tape for bottom board repair, self-adhering. Specify size of roll (length and width).

### **Doors**

Specifications: All doors should be priced with an Entry Lockset and Chain. Doors should be Universal swinging left and right.

**Fiberglass Skin, Vertical Slider** – single out-swing mobile home door with 14"x27" (approx.) vertical slider window and storm (pre-installed)

**Fiberglass Skin, Fixed Lite** – single out-swing mobile home door with fixed lite window.

**Fiberglass Skin, No Lite** – single out-swing mobile home door with no window.

**Aluminum, Fixed Lite** – single out-swing mobile home door with fixed lite window.

**Aluminum, No Lite** – single out-swing mobile home door with no window.

### **Combo Door – In cased storm 4" Jamb**

Specifications: All doors should be priced with an Entry Lockset and Chain. Doors should be Universal swinging left and right. SPECIFY COLOR

**Combo Door – In cased storm 6” Jamb**

Specifications: All doors should be priced with an Entry Lockset and Chain. Doors should be Universal swinging left and right. SPECIFY COLOR

**6 Panel Outswing Door**

Specifications: All doors should be priced with an Entry Lockset and Chain. Doors should be Universal swinging left and right.

**Windows**

Specifications: All units should have a U-value of .40 or better (please specify u-value). Indicate in notes whether vinyl, aluminum, or wood clad.

# NYS Building Performance Materials

## Category: ASHRAE 62.2/IAQ

### Items Bidding:

Spot ventilation fans - bath without light  
Spot ventilation fans - bath with light  
Spot ventilation fans - kitchen/ range hoods 30", 36", 42"  
\*Thru the wall Spot Ventilation fans – Kitchen/range hood  
Whole house ventilation – ceiling mounted  
Whole house ventilation - wall mounted  
MH spot ventilation fans - without light  
MH spot ventilation fans - with light  
MH spot ventilation fans - without light – top mounted  
MH spot ventilation fans - with light – top mounted  
Thru the wall variable speed fans  
Remote mounted in-line fans  
Silencer – 4" and 6"  
Diffuser – 4" and 6"  
Dryer Flex Duct – 4"  
Dryer Vent Hood – 4"  
Dryer 26 Gauge Pipe – 4"  
Dryer 45 Degree Elbow – 4"  
Dryer 90 Degree Elbow – 4"

### Instructions and Specs:

#### Ventilation fans

Specifications: Ventilation devices and equipment shall be tested in accordance with ANSI/ASHRAE Standard 51-07/AMCA 210-17  
ANSI/AMCA Standard 300-14

HVI 915, HVI 916, and HVI 920

50 CFM minimum (all but thru the wall), Energy Star rated, UL listed

\*300CFM minimum (thru the wall kitchen/range hoods), Energy Star rated, UL listed

**Mobile Home (MH)** bath fans shall be suitable for applications where the depth of the existing roof cavity is under 6". Fans should be small enough to fit within the tight constraints while maintaining ASHRAE compliance.

**Sound ratings for fans:** Ventilation fans shall be rated for sound at no less than the minimum airflow rate required by this standard, as noted below.

Bathroom & Kitchen – maximum of 3 sones

Whole house – maximum of 1 sone

#### Remote Mounted In-Line Fans

Specifications: Sealed self-lubricating ball bearings, Thermal overload, acceptable for continuous duty, long maintenance free operation over maximum load conditions, 100% speed controllable.

Fully adjustable

200 CFM Maximum, Energy Star rated, UL listed

**Silencer**

Specifications: 4" and 6"

Easily-fitted silencer for circular ducts, fitted with a connection which is compatible with a standard spiral duct.

**Diffuser**

Specifications: 4" and 6"

Adjustable diffuser grill designed for suspended ceiling applications

Melting point: 325°F+

**Flexible Aluminum Dryer Duct – 4"**

Fits most gas and electric dryers, aluminum construction, fire-resistant design

**Flexible Metal Dryer Duct – 4"**

Fits most gas and electric dryers, semi-rigid metal design, fire-resistant

**Dryer Vent Hood – 4"**

Colors: State color; colors to include are White, Brown, Aluminum

**Dryer 45 Degree Elbow Dryer Vent– 4"**

Dryer exhaust fitting, galvanized steel

**Dryer 90 Degree Elbow Dryer Vent– 4"**

Dryer exhaust fitting, galvanized steel

**26 Gauge Aluminum Rigid Pipe – 4"**

For use in HVAC warm air supply and exhaust duct systems.