

UNIT PRICE LIST | NREL STANDARD WORK SPECIFICATION I

Note: The list below is for your reference. Actual price lists to be used in bidding must be submitted electronically in Excel spreadsheet format. The Program will send the Excel file for Contractors to complete via email. Please refer to the most current Site Built and Mobile Home Weatherization Specifications for the State of Virginia Weatherization Assistance Program specification manual which offers further details on the specifications for selected measures.

CATEGORY	#	TYPE	MEASURE	UNITS	LABOR	MATERIAL	UNIT PRICE
A. Infiltration	A1	WX	Air infiltration reduction, Baseline to 150% BAS	per100 CFM50			
	A2	WX	Air infiltration reduction, 150% BAS to 100% BAS	per100 CFM50			
	A3	WX	Air infiltration reduction, Less than 100% BAS	per100 CFM50			
	A4	WX	Duct sealing (site built)	Lin. Ft.			
	A5	WX	Door weather-strip kit	Each			
	A6	WX	Door sweep	Each			
	A7	Repair	Retractable closure	Each			
	A8	Repair	Door shoe	Each			
	A9	Repair	Threshold	Each			
	A10	Repair	Exhaust fan damper	Each			
	A11	Repair	Dryer duct system: metal	Each			
	A12	Repair	Extra dryer ducting (over 6')	Per Ft.			
	A13	Repair	Dryer hood	Each			
	A14	WX	Chimney damper	Each			
	A15	Repair	Add CAR grill in furnace closet	Each			

	A16	Repair	Furnish and install bypass grills in door	Each			
	A17	Repair	Furnish and install bypass grills in wall	Each			
	A18	Repair	Furnish and install bypass grills in ceiling	Each			
	A19	Repair	Add fresh air inlet to return duct	Each			
	A20	Repair	Restrict air flow of exhaust fans, supply ducts, and fresh air inlets	Each			
	A21	Repair	Install Fresh-Air 80 wall ventilator	Each			
	A22	Repair	Install manufacturer window ventilator	Each			
	A23	Repair	Seal branch connections of ductwork	Each			
B. Doors	B1	Repair	Solid core door blank with hinges	Each			
	B2	Repair	R-7 Pre-hung metal insulated door with lock and deadbolt	Each			
	B3	H&S	Add for Lead Safe Work Practices	Sq. Ft.			
	B4	Repair	R-7 Pre-hung fiberglass insulated door with lock and deadbolt	Each			
	B5	Repair	Striker plate	Each			
	B6	Repair	Entry lockset	Each			
	B7	Repair	Entry deadbolt	Each			
	B8	Repair	Undercut interior door	Each			
C. Windows-Glazing	C1	Repair	Plate glass (minimum charge for 8 sq. ft.)	Sq. Ft.			
	C2	Repair	Tempered glass (minimum charge for 8 sq. ft.)	Sq. Ft.			
	C3	Repair	Re-putty existing glass	Ln. Ft.			
D. Windows – Replacement	D1	Repair	Vinyl window replacement .35u<10 sq. ft.	Sq. Ft.			

	D2	Repair	Vinyl window replacement .35u 10-20 sq. ft.	Sq. Ft.			
	D3	Repair	Vinyl window replacement .35u 20-30 sq. ft.	Sq. Ft.			
	D4	Repair	Vinyl window replacement .35u>30 sq. ft.	Sq. Ft.			
	D5	Repair	Vinyl window replacement .30u 10-20 sq. ft.	Sq. Ft.			
	D6	Repair	Vinyl window replacement .30u 20-30 sq. ft.	Sq. Ft.			
	D7	Repair	Vinyl window replacement .30u>30 sq. ft.	Sq. Ft.			
	D8	Repair	Window replacement add low-e obscure	Sq. Ft.			
	D9	Repair	Window replacement add low-e safety	Sq. Ft.			
	D10	Repair	IGU replacement <10 sq. ft.	Sq. Ft.			
	D11	Repair	IGU replacement >10 sq. ft.	Sq. Ft.			
	D12	Repair	Insulated vinyl patio door replacement (5 ft.)	Each			
	D13	Repair	Insulated vinyl patio door replacement (6 ft.)	Each			
	D14	Repair	DS glass replacement (single pane)	Sq. Ft.			
	D15	Repair	Safety glass replacement (single pane)	Sq. Ft.			
	D16	Repair	Interior wood trim cutbacks (per window)	Each			
	D17	H&S	Add for Lead Safe Work Practices	Sq. Ft.			
E. Insulation-Attic	E1	WX	Attic with floor: fill cavity	Sq. Ft.			
	E2	WX	R-13 in 2x4 knee walls: fiberglass batts	Sq. Ft.			
	E3	WX	R-21 in 2x6 knee walls: fiberglass batts	Sq. Ft.			
	E4	WX	R-11 1 ½" rigid foam board in knee walls	Sq. Ft.			

	ES	WX	R-15 2" rigid foam board in knee walls	Sq. Ft.			
	E6	WX	R-13 between exposed rafters: fiberglass batts	Sq. Ft.			
	E7	WX	R-21 between exposed rafters: fiberglass batts	Sq. Ft.			
	E8	WX	R-11 1 ½" rigid foam board between exposed rafters	Sq. Ft.			
	E9	WX	R-15 2" rigid foam board between exposed rafters	Sq. Ft.			
	E10	WX	Sloped or flat 2"x4" rafters: fill cavity high density cellulose blown	Sq. Ft.			
	E 11	WX	Sloped or flat 2"x6" rafters: fill cavity high density cellulose blown	Sq. Ft.			
	E 12	WX	Flame spread barrier (minimum flame spread rating of 25)	Sq. Ft.			
	E 13	Repair	Seal chimney chaseway (basement/attic)	Each			
	E14	Repair	R-38 blown fiberglass	Sq. Ft.			
	E15	WX	Knee wall rim joist blocks	Each			
	E16	WX	R-21 kraft faced fiberglass	Sq. Ft.			
	E17	WX	Tyvek/FSK equivalent	Sq. Ft.			
	E18	WX	Re-screen 1/8" mesh	Sq. Ft.			
F. Access & Ventilation - Attic	F1	Repair	Roof vent	Each			
	F2	Repair	Gable vent	Each			
	F3	Repair	Bird block	Each			
	F4	Repair	Soffit	Each			
	F5	Repair	Repair &/or replace flat access door	Each			
	F6	Repair	Cut or make operable flat attic access	Each			

	F7	Repair	Weatherstrip & Insulate to R-38 existing flat attic access/Tyvek or equivalent	Each			
	F8	Repair	Repair &/or replace knee wall access door	Each			
	F9	Repair	Cut & make operable knee wall access	Each			
	F10	Repair	Cut & make inoperable knee wall access	Each			
	F11	Repair	Add R-11 unfaced fiberglass batts to existing insulation- knee walls/Tyvek & twine	Sq. Ft.			
	F12	Repair	R-21 faced fiberglass batts- knee walls/Tyvek	Sq. Ft.			
	F13	Repair	Pull-down cover for existing attic ladder	Each			
	F14	Repair	New attic-to-attic access	Each			
G. Insulation- Walls	G1	WX	2"x 4" walls: remove siding, high density cellulose, blown	Sq. Ft.			
	G2	WX	2"x 6" walls: remove siding, high density cellulose, blown	Sq. Ft.			
	G3	H&S	Add for Lead Safe Work Practices	Sq. Ft.			
	G4	WX	2"x 4" walls: drill siding, high density cellulose, blown	Sq. Ft.			
	G5	WX	2"x 6" walls: drill siding, high density cellulose, blown	Sq. Ft.			
	G6	WX	2"x 4" walls: inside drill, high density cellulose, blown	Sq. Ft.			
	G7	WX	2"x 6" walls: inside drill, high density cellulose, blown	Sq. Ft.			
	G8	WX	2"x 4" walls: open, R-13 fiberglass batts	Sq. Ft.			
	G9	WX	2"x 6" walls: open, R-21 fiberglass batts	Sq. Ft.			
	G10	WX	Ladder time over 12' additional charge	Sq. Ft.			
	G11	WX	Access drill & fill	Sq. Ft.			
	G12	WX	Access drill & fill includes 1x4 cedar trim	Sq. Ft.			

	G13	WX	Drill & fill stucco	Sq. Ft.			
	G14	WX	Drill & fill, access thru interior	Sq. Ft.			
	G15	WX	Batt & cover bump out	Sq. Ft.			
	G16	WX	Block & blow closed bump out	Sq. Ft.			
H. Insulation-Floors	H1	WX	R-21 fiberglass batts stringing method	Sq. Ft.			
	H2	WX	R-25 fiberglass batts stringing method	Sq. Ft.			
	H3	WX	R-30 fiberglass batts stringing method	Sq. Ft.			
	H4	WX	R-25 fiberglass floor blow (BIF method)	Sq. Ft.			
	H5	WX	Seal cold air return	Sq. Ft.			
	H6	WX	Twine only	Sq. Ft.			
	H7	WX	Additional charge for irregular joist spacing	Sq. Ft.			
	H8	WX	Additional charge for low clearance in crawl space (under 24")	Sq. Ft.			
	H9	WX	Support existing underfloor insulation	Sq. Ft.			
I. Access Ventilation & Vapor Barrier - Crawl Space	I1	Repair	New access w/ door and latch: finished (no vents)	Each			
	I2	Repair	Vent in rim joist or skirting				
	I3	Repair	Vent in 6" concrete wall				
	I4	Repair	Re-screen existing foundation vents 1/4"	Each			
	I5	Repair	Vent well: mechanically fastened to building	Each			
	I6	Repair	Ground cover: 6 mil polyethylene black	Sq. Ft.			
J. Insulation - Other Enclosed Cavities	J1	WX	Rim & band joists: fill cavity, high density cellulose, blown	Ln.Ft.			

	J2	WX	Cantilever floor, garage ceiling. Floored attic, etc.; fill cavity, high density cellulose, blown	Sq. Ft.			
	J3	Repair	Protect material with flame spread barrier (minimum flame spread rating of 25)	Sq. Ft.			
	J4	Repair	Protect material with exterior plywood: additional charge	Sq. Ft.			
	J5	WX	Atypical spaces (rakes, soffits, previously insulated walls); high density cellulose, blown, time and material	30lb bag			
	J6	WX	2 part foam, min 1 inch thickness	Sq. Ft.			
K. Insulation - Hot Water Tank, Water Pipes, Misc.	K1	WX	Pipes at water tank - 5 feet of both lines	Each			
	K2	WX	Insulate water pipes to R-3, pre-formed foam or fiberglass batts	Lin. Ft.			
	K3	WX	Hydronic pipes: R-11 fiberglass batts, surface area	Lin. Ft.			
L. Insulation - HVAC Ducts	L1	WX	Add R-11: fiberglass to existing flex duct	Ln. Ft.			
	L2	WX	R-11: with vinyl facing, surface area	Ln. Ft.			
	L3	WX	R-19: with vinyl facing, surface area	Ln. Ft.			
M. General/Repairs	M1	Repair	Skilled labor rate	Per Hour			
	M2	Repair	Unskilled labor rate	Per Hour			
	M3	Repair	Plumber rate	Per Hour			
	M4	Repair	Electrician rate	Per Hour			
	M5	Repair	Certificate charge-knob and tube	Each			
	M6	Repair	Replace furnace T-stat, low voltage, programmable	Each			
	M7	Repair	Replace electric baseboard T-stat, line voltage, digital	Each			
	M8	Repair	Dehumidifier, 30 pt./day	Each			
	M9	Repair	Sump pump-replace existing	Each			

	M10	Repair	Gutters/Downspouts	Lin. Ft.			
	M11	Repair	Downspout elbows	Each			
	M12	Repair	Splash blocks	Each			
N. Mechanical Ventilation	N1	Repair	Vent bathroom exhaust fan to outside	Each			
	N2	Repair	Rebuild exhaust fan: motor, blades, damper	Each			
	N3	H&S	Bathroom exhaust fan: ceiling or wall mount, damper vented to outside	Each			
	N4	H&S	Bathroom exhaust fan: ceiling or wall mount, damper, utilize existing ducting	Each			
	N5	H&S	Bathroom exhaust fan: ceiling light (compact fluorescent) damper, vented to outside	Each			
	N6	H&S	Bathroom exhaust fan: ceiling light (compact fluorescent) damper, utilize existing ducting)	Each			
	N7	H&S	Bathroom exhaust fan: ceiling light (compact fluorescent), heat lamp, damper, vented to outside	Each			
	N8	H&S	Bathroom exhaust fan: ceiling light (compact fluorescent) heat lamp, damper, utilize existing ducting	Each			
	N9	H&S	Bathroom exhaust fan timer, 24 hour cycle for whole house	Each			
	N10	H&S	60 minute crank timer	Each			
	N11	Repair	Vent kitchen range hood or ceiling exhaust fan to outside	Each			
	N12	H&S	Kitchen range hood: light, damper, min 2 speed, vent to outside	Each			
	N13	H&S	Kitchen range hood: light, damper, min 2 speed, utilize existing venting	Each			
	N14	H&S	Kitchen exhaust fan: ceiling or wall mount, damper vented to outside	Each			
	N15	H&S	Mobile home kitchen sidewall exhaust fan for mobile home: replacement of existing	Each			
	N16	H&S	Mobile home exhaust fan: ceiling, damper, vented to outside	Each			
	N17	H&S	Mobile home exhaust fan timer (24 hour cycle)	Each			

O. Mobile Homes	O1	Repair	New roof system: single-ply membrane (EPDM)	Sq. Ft.			
	O2	Repair	New roof system: TPO with 1" rigid foam	Sq. Ft.			
	O3	Repair	New roof system: TPO with 2" rigid foam	Sq. Ft.			
	O4	Repair	New roof system: TPO with 3" rigid foam	Sq. Ft.			
	O5	WX	R-21 Belly blow	Sq. Ft.			
	O6	WX	R-25 Belly blow	Sq. Ft.			
	O7	WX	R-30 Belly blow	Sq. Ft.			
	O8	Repair	Aluminum gutters and downspouts	Lin. Ft.			
	O9	WX	Attic insulation in enclosed attic: fiberglass loose-fill, blown, fill cavity through exterior	Sq. Ft.			
	O10	WX	Underfloor insulation: fiberglass, loose-fill, blown, fill cavity through exterior	Sq. Ft.			
	O11	Repair	Replace cross over duct: 10"-14" diameter, galvanized metal, insulated with R-19 fiberglass batts	Each			
	O12	WX	Duct seal single-wide mobile	Per MH			
	O13	WX	Duct seal double-wide mobile	Per MH			
	O14	WX	Seal all marriage seams (double-wide mobile) including add-ons	Sq. Ft.			
	O15	Repair	Entry door: foam core	Each			
	O16	WX	Seal and insulate cross over duct	Each			
	O17	Repair	Repair belly board	Sq. Ft.			
	O18	WX	Insulate water heater closet door (minimum R-13)	Each			
	O19	WX	Seal under furnace	Each			
	O20	WX	Install high density rigid foam	Sq. Ft.			