

District Heights Energy Efficiency Program

Request for Proposal- Attachment P

Proposed Pricing for DHEEP Measures

Health and Safety

Health and Safety measures are essential when eliminating safety hazards in existing dwellings. These measures will allow for the installation of weatherization materials while ensuring the existing dwelling is left in safe conditions. It is pivotal the allocated the highest services are given Health and safety concerns are addressed in many items listed below, and shall be clearly as Scope of Work by approved contractor.

Smoke detector (battery wall mount)	<u>Pricing Unit</u> per unit	Price
Carbon/ Smoke combo (battery wall mount)	per unit	

Air Sealing

Approved contractor shall perform all necessary, cost effective air reduction procedures as outline by DHEEP. Such measures shall meet industry standards and manufacturer specifications. Air sealing shall be blower door guided and able to verify results while ensuring compliance meeting minimum standards ventilation established by MD Department of Housing and Community Development for the MD weatherization program, or the Building Performance Institute (BPI).

Blower Door Guided Air Sealing

CFM Reductions established by MD WX or BPI)	<u>Pricing Unit</u> per CFM50	Price
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Lighting Retrofit

Lighting accounts for at least 20% of residential energy use. A fixture must be used at least 6 hours a day to considered for lighting retrofit. Once, identified contractor will install compact fluorescents in heavily used fixtures in the home. Only CFL's which meet industry standards will be used.

Compact Fluorescents (not to exceed 12)	<u>Pricing Unit</u> per CFL	Price
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Insulation

The building dwelling shall be insulated as specified in the energy audit. This may include walls, floors and unfinished and finished attics, as outlined by DHEEP.

Attic Insulation

Contractor shall insulate attic flats that have R-19 or less of existing insulation in any condition, or R-30 batts in poor condition. Goal for attic flats is to R-49. Vertical open walls require insulation if they are uninsulated or existing insulation is in poor condition or inadequate; they shall be backed with at least 1" extruded polystyrene board to provide greater and more efficient R-value and air sealing.

<u>Pricing Unit</u>	<u>Beginning R-Value</u>
ft2	R-0 to R-10
ft2	R-11 to R-18
	R-19 to R-30

Open flat blown cellulose to target level

Open flat blown fiberglass to target level

ft2	R-19 Batt
	R-30 Batt
	R-49
	5.5" Cavity
	7.5" Cavity
	9.5" Cavity

Open flat fiberglass batt

Closed: Dense packed blown cellulose

ft2	R-11 Batt
ft2	R-13 Batt
	R-19 Batt

Kneewalls: fiberglass batt
Kneewalls: 1" EPS board

ft2	(price includes plug/repair)	3.5" Cavity	5.5" Cavity
linear ft		R-19 Batt	R-30 Batt
linear ft			

Exterior Wall and Joist Insulation

Dense packed exterior wall

Band Joist- dense pack

Rim Joist- batt

Floor/ Cantilever Insulation over Unheated Space

Dense packed blown cellulose

ft2		7.5" Cavity	9.5" Cavity
		R-30 Batt	R-19 Batt

Fiberglass batt

<u>Pricing Unit</u>		Price
per unit		
per unit		
per unit		

Insulation Related Treatments

Attic/Kneewall access hatch treatment only

Attic/ Kneewall cut in/trim/ access panel @wall or ceiling
 Pulldown Stair Cover (e.g., attic tent with zipper)

Gas Heating Systems

Heating Systems shall be repaired if possible;

System Output (BTUH)

<u>Pricing Unit</u>	<76K
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per unit		76K-125K
per unit		
	126K-175K	
		176K-210K

90% + AFUE Per Energy Star.gov
80% + AFUE

<u>Pricing Unit</u>	<76K	
per unit	76K-125K	
per unit		
per unit		
	126K-175K	
		176K-210K

Gas Hydronic Boilers

Minimum Energy Star
90% + AFUE Energy Star
80% AFUE

<u>Pricing Unit</u>		Price
ft2		
ft2		

Duct Insulation

Duct, round, insulation only
Duct, square, insulation only

linear	
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Duct Sealing

Duct sealing with mastic or approved metal tape

<u>Pricing Unit</u>		Price
per system		
per coil		

General Heating System Repairs

Natural Gas Clean and tune
Coil Cleaning

Heat Pumps and Air Conditioners

Heat pumps and Air Conditioners shall be repaired if possible; replacements will be avoided unless deemed necessary due to age,

condition, expected high repair and/or operating costs, or health and safety concerns. When possible, replacement units shall be ENERGY STAR compliant. All systems shall be sized per BPI standards for sizing.

Central Air Split Systems

<u>Pricing Unit</u> per unit	1.5 to 2 tons	2.5 tons
	3 tons	
		3.5 tons
	4 tons	
		5 tons

Replace Complete System with 14.5 SEER/ 12 EER

<u>Pricing Unit</u> per unit	1.5 to 2 tons	2.5 tons
	3 tons	
		3.5 tons
	4 tons	
		5 tons

Heat Pump Split Systems

Replace System with 8.2 HSPF/ 14.5 SEER/ 12 EER

<u>Pricing Unit</u>	Price
per system	
per system	
<1 ton	
per unit	1+tons

Repairs and Maintenance

Refrigeration Line Set, unit pad, condensate pump
Tune-up and refrigerant recharge

ENERGY STAR Room Air Conditioner

ENERGY STAR Room AC Replacement

Adults and Post- Job Installations

Core Program
Comprehensive Audit, Scope of Work , Customer Ed
Post-Installation Tests and Inspections
Manual DHEEP Reporting

<u>Price</u>
per reported home
per reported home
per reported home